



MOVIES, DOCUMENTARIES AT
THE MARYLAND FILM FEST
YOUR WEEKEND B2



NEW BEAR'S
"DOOM" SETS A
GENRE OF ITS OWN
ARTS & ENTERTAINMENT B3

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Students went to The Beach yesterday to enjoy free smoothies as a part of Step Up's effort to engage and educate undergraduates.

XIXI XU/PHOTOGRAPHY EDITOR

Step Up promotes philanthropy, service

By NASH JENKINS
News & Features Editor

Undergraduates celebrated the legacy of philanthropy at Hopkins with Step Up, a week-long series of events, for the third consecutive year. The events began last Sunday and last

through Friday.

"We want to recognize the alumni and current students who give back through time and money to sustain the legacy of this place," senior Bryn Carroll, chair of the Step Up Student Committee, said.

The theme of philan-

thropy was prevalent through the array of events on campus this week, and provided diverse activities that educated students about community service on and off campus.

The festivities of Step Up were designed to facilitate this effort, com-

mittee members said.

The Step Up committee works in tandem with the staff in the Office of Early Engagement, a subset of the Johns Hopkins Alumni Association that serves to attract students and recent graduates to the

SEE STEP UP, PAGE A4

Secret Service attends Hopkins ethics course

By NASH JENKINS
News & Features Editor

Members of the U.S. Secret Service gathered in an undisclosed location in Laurel, MD this week for a two-day ethics training course conducted by professors and administrators from the Hopkins School of Education.

The semi-covert session came two and a half weeks after twelve Secret Service agents allegedly solicited prostitutes in Cartagena, Colombia, where President Barack Obama had traveled to attend the sixth Summit of the Americas. The ensuing controversy has made headlines across the country and prompted official inquiries into the Secret Service agency; University officials, however, said that the ethics forum was always scheduled to take place and is not remedial.

"We had this course planned long before the Cartagena issue," Christopher Dreisbach, who heads the School of Education's Department of Ap-

plied Ethics and Humanities for the Division of Public Safety Leadership, said.

Hopkins has been the Secret Service's official "university partner" since 1997, Dreisbach and other university officials said.

"The training provided to the Secret Service is not unprecedented," Tracey A. Reeves, Director of Media Relations for the University, wrote in an email to *The News-Letter*. "The Secret Service has had a training agreement with Hopkins for a number of years."

Still, Dreisbach said, SEE SECRET SERVICE, PAGE A3

JHUMobile smartphone application launched

By ASHLEY EMERY
News & Features Editor

The JHUMobile application was launched this past Monday to better connect the Hopkins community to various institutions and online programs associated with the University.

The application has myriad capabilities; the current available modules include Courses, Maps, Places, Tours, Transit, Library, News, Images, Videos, Events, Emergency, Athletics, Academic Calendar, Hopkins Groups and SGA. The various modules facilitate the constant transfer of information to students.

"JHUMobile gives you access to many of the resources on the go and in an easy to use fashion," senior Kirk Sabnani, Senior Senator and Chair of the Student Services Committee and JHUMobile Ad hoc Committee, wrote in an email to *The News-Letter*.

The idea to launch a mobile application has been in the works all year.

"I brought up the idea in an informal discussion with members of the SGA last Spring Semester and we brought it up again this past fall. The final concept incorporated a lot of ideas, mostly from SGA's JHUMobile Ad hoc Committee," Sabnani wrote.

Student Technology Services (STS) collaborated with BlackBerry

SEE MOBILE, PAGE A3

SGA regulates campaign practices

By MARY-KATHERINE ATKINS
News & Features Editor

Voting opens for the Hopkins Student Government Association (SGA) upperclassman board positions today. With increasing numbers of students participating in SGA elections, the SGA has worked in conjunction with the Committee on Student Elections (CSE) to ensure a fair election season.

During the SGA meeting last Monday, Apr. 23, the SGA passed a bill amending the SGA Bylaws. This amendment provides greater transparency and

accountability about the proper conduct of the members of the SGA during SGA elections.

The amendment stipulates acceptable behavior for SGA members during SGA elections and discusses proper campaigning procedures. Its measures seek to prevent SGA members from abusing their knowledge of the internal workings of SGA and campaigning procedures to create an unfair advantage. If a member of SGA violates the rules set forth in this amendment, he or she will be held accountable for his or her actions and face impeachment pro-

ceedings.

Ardi Mendoza, the President of the SGA Executive Branch, said that the amendment was created in order to hold the entire SGA to a higher standard.

"As the student government, we understand what the rules are, we know what is proper campaigning and what is improper campaigning, and we should be held to a higher standard, so it should be clear to the student government that if people participate in a campaign and break rules, there should be consequences for it

SEE SGA, PAGE A4

Hospital design improves facilities and experience

By ELENI PADDEN
For *The News-Letter*

The Charlotte R. Bloomberg Children's Center and the Sheikh Zayed Tower officially opened at the Johns Hopkins Hospital this past Tuesday, May 1. The renovation consisted of the complete construction of two towers, which are specifically designed for the medical needs, physical and mental comfort and overall happiness of

the patients.

This construction project cost \$1.1 billion and ultimately yielded 1.6 million square feet of new space. Each tower is 12 stories high and has a total of 560 rooms, such as updated operating rooms, emergency care departments for adults and children alike and state-of-the-art technologies for cutting edge treatments.

Each of the 560 newly added patient rooms is private, which is especially important for the children's center.

"Parents can sleep in the rooms with the kids, and make themselves at home. It basically becomes the child and parent's personal room," Kim Martin, Director of Communication and Public Affairs for the Children's Center, said.

Moving the patients to the newly constructed additions was the final part of the renovation process that had to be completed in order for the hospital to be fully functional again.

"The patient move SEE HOSPITAL, PAGE A4



COURTESY OF AMANDA FABRIZIO
KT Ramash leads HEMI and the armor research project.

Army awards WSE \$90 million for new institute

By KATHERINE SIMEON
Managing Editor

The U.S. Army announced that the Whiting School of Engineering (WSE) has received an award, worth up to \$90 million dollars, to be the lead institution in a consortium of universities undertaking research that will potentially contribute to the development of new armor for the U.S. Army.

The WSE won the U.S. Ar-

my's award in Extreme Dynamic Environments after submitting a proposal that competed with numerous institutions nationwide. The award will be funding research over the next 10 years.

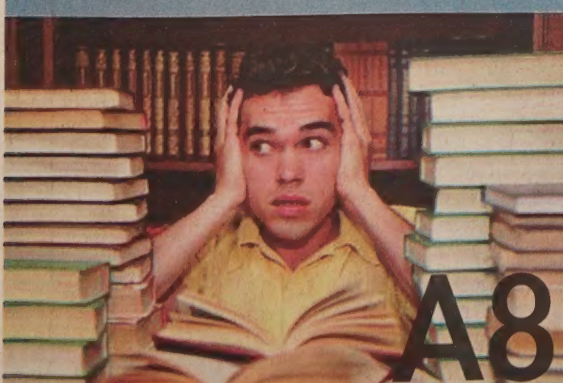
"I'm absolutely thrilled that we were successful in this competition," Nicholas Jones, Dean of the Whiting School of Engineering, said. "It is a significant award for the Whiting School. In fact, it is one of the largest grants we've

ever received. Broadly for Johns Hopkins, it establishes us as clearly seen to be leaders in this community. That is something we are extraordinarily proud of."

The money from the award will help develop a new institute on campus, the Hopkins Extreme Materials Institute (HEMI). This department will specifically be looking at how protective materials are impacted by extreme

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NEWS & FEATURES

Community garden knits closer ties

BY JULES SZANTON
Staff Writer

Nearly 90 Hopkins students and Baltimore community members gathered at the Johns Hopkins Eastern Campus on Saturday, Apr. 28 to celebrate the opening of Hopkins' newest community garden.

The garden, known as the Blue Jay Perch, is a result of the collaboration between Hopkins students and staff working with community members from the Waverly neighborhood.

Many plots of land in the Blue Jay Perch have been designated as "partner plots" and are being jointly tended by Hopkins affiliates and student groups working together with churches, schools and community groups in Waverly. The Hopkins and Waverly groups will tend these plots together and will share the harvest in the fall.

So far, the program has matched three Hopkins groups with three Waverly groups. Many more Hopkins groups are interested in forming partnerships and are reaching out to potential counterparts in Waverly, according to Raychel Santo, Santo, a sophomore double majoring in Public Health and Global Environmental Change and Sustainability, is the president of Real Food Hopkins and an organizer of the community garden.

"We're doing this because we want to bring the Hopkins and Waverly communities together," Santo said. "There's a lot

we can learn from one another. This project is about building relationships as much as growing food."

Santo also mentioned the need to bring together undergraduates, graduate students, faculty and staff from across the University.

"The undergraduates don't even interact much with the grad students, except for TAs," Santo noted. "This is a way to introduce people who might never otherwise see each other. We've had professors come and bring their kids. It's a great way for the community to bond together."

The garden is a quarter of an acre. Some plots are designated for Hopkins-Waverly partnerships, while others are designated for the individual use of Hopkins students, staff or community members.

Students and community members have been working on this project for over a year, Santo said. There is also a community garden in back of the Center for Social Concern. However, the garden behind the CSC is small, and the community has outgrown it.

Santo hopes that the Blue Jay Perch will continue to grow.

"As we get more established, we hope to get more involvement from the community," she explains.

Still, Santo is encouraged by how far the project has come. "We started planning this last spring. It's great to see an entire garden emerging just a year later."



Fraternities, sororities and athletic teams raced to push an armored humvee the fastest, raising money for the United Services Organization.

First ever "Push" event raises funds for USO

By BEN KUPFERBERG
News & Features Editor

The Beta Mu chapter Phi Gamma Delta Fraternity (more commonly known as FIJI), the US Army, College Republicans, SGA, the Interfraternity Council and the Office of Greek Life hosted The Push last Saturday afternoon in Wyman Park. Hopkins students competed to see who could push an up-armored Army Humvee of 1000 pounds for 100 yards the fastest. The event was held to raise money for the USO.

Various teams vied for the first place prize of a \$300 gift card to PJ's Pub. Competitors who came in second through fifth place received \$100 gift cards to Chipotle. WaWa won the race and FIJI followed in second place.

"The opportunity to push an armored humvee doesn't come around often so the FIJI Push stands out as a unique way to raise money. I was surprised at how quickly all the teams

were able to push the humvee. The event was fun, well organized and most importantly, brought together a variety of student groups in support of the USO," sophomore Natalie Boyse said.

The USO is a non-profit that helps to support American soldiers and their families through morale, welfare and recreational services.

"We believe strongly in supporting our troops and are excited to engage the Hopkins Community in raising money for this organization," "The Push" Executive Committee member Michael St. Germain said.

Teams consisted of 10 members, many of which

represented a fraternity, sorority or Hopkins athletic team. Every team member had to raise a minimum of ten dollars in order to participate, and all participants

w a l k e d away with a free T-shirt and water bottle.

"We were extremely happy with the way The Push turned out. Over 150 people involved and \$2,000 raised for the USO for a first time event. Our goal was \$1,500 so we definitely

overshot our expectations," St. Germain said.

St. Germain came up with the idea of executing The Push at Hopkins, drawing inspiration from watching a similar humvee event at the University of

Central Florida.

"It was really awesome seeing students from various niches of the Hopkins campus aggregating for a common cause, an essential national cause while having some fun and laughs in the process," sophomore Ari Weiss said.

This was the first time Hopkins hosted such an event, and as with any new event there were some difficulties.

"There are many challenges to starting a new event. Getting a humvee was a big one. The Army was very supportive, but we just had some minor logistical issues. The bigger issue was getting teams to sign up," said St. Germain. "The event was a really good way to get the general student body involved in a fun charity event that is not a run or walk... It was also a good way for students to interact with soldiers and USO representatives and learn about the USO."

Panel explores APL, combat drones connection

By IAN YU
Managing Editor

Is the use of drones in warfare ethical, and should the Hopkins Applied Physics Lab (APL) be involved in such kinds of weapons research? These and other questions were the focus of a panel presentation and discussion held last Friday in Mergenthaler Hall by the Hopkins Human Rights Working Group and the Graduate Student Organization.

Addressing an audience of approximately 60 graduate students and members of the general public were retired Colonel Ann Wright and political science graduate student Derek Denem. Wright served in the U.S. Military and as a diplomat, resigning in 2003 in protest of the U.S. invasion of Iraq, and has since been giving lectures and speaking engagements as an anti-war activist.

As the first of the two to speak, Wright framed the larger picture and controversy of aerial combat drones for bombardment of targets singled out by the military and the Central Intelligence Agency (CIA).

"Right now we have nearly seven thousand drones that are in the U.S. military and CIA network, drones that are used by our military and CIA for surveillance purposes and combat areas and noncombat areas," she said. While the U.S. military uses combat drones in its operations, the CIA's use has been far more trouble according to Wright.

"Then there's the CIA, an un-uniformed government agency conducting military operations, offensive operations in Pakistan," she said. "If we were talking about any other group that's doing stuff in another coun-

try, we would call them unlawful combatants."

Wright went on to describe how the drone program had shed a negative light on the U.S., especially as civilians have often been killed when the CIA went after targets in the

to President Daniel's lack of security clearance, the university and APL had to make special arrangements to continue conducting sensitive research.

"Classified research at APL was reorganized into a limited liability corpo-

drones. "The predator and reaper drones, used in Pakistan, Afghanistan and elsewhere, are designed and built by General Atomics, which has its main facilities in San Diego, but APL has contributed key systems to these drones," he said.

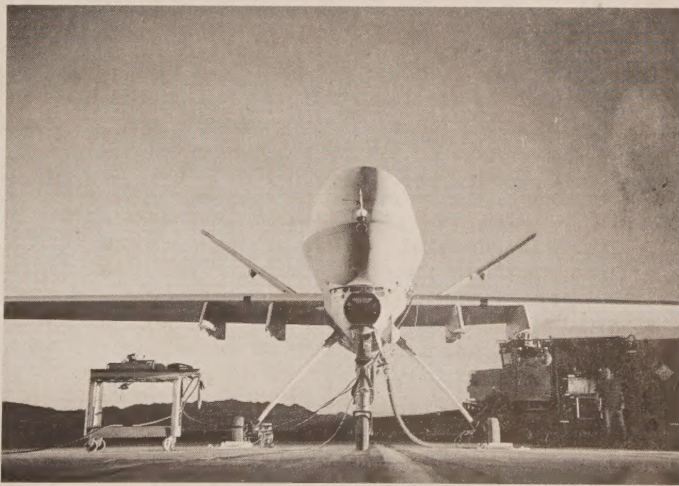
During the lengthy question and answer session, a member of the audience raised the possibility of other countries gaining drone technology and asked if efforts are better geared towards changing America's foreign policy. Wright explained that a policy shift imposed by the Carter administration on the CIA had scaled back state-directed assassinations through the decades that led up until 2002, when the CIA once again stepped up assassinations.

"If you don't think we need to do that to raise foreign policy, then you need to raise your voice," she said.

Other questions addressed issues including the emotional disconnect of drone operators who are not aware of their targets and the use of public pressure to bring about policy changes at research institutions. During the event a petition was circulated calling on the university leadership to examine more closely involvement in drone research.

In a follow-up after the session, Denem reiterated that the lack of a complete picture of APL's work stems from a need for greater openness.

"The first step to figuring out exactly what is going on with research at APL is for it to be open like university knowledge production and exchange is," he said. "That's sort of the prerequisite for it."



COURTESY OF WWW.SJSU.EDU

The Applied Physics Lab contributes key systems to the Predator and Reaper drones.

Pakistani countryside. According to Wright, these attacks had, in part, motivated Faisal Shazad in his attempt to detonate a car bomb in Times Square.

"In the interrogation of this young man... he said 'I'm outraged, I'm outraged about the United States killing people in Pakistan using drones,'" she said.

She closed by reiterating her disagreement with President Obama's current policy on the expanded use of aerial drones to dispatch targets.

"It is harming our national security rather than helping it," she said.

Denem's portion of the discussion focused on the history of the APL and its involvement in the development of drone technology. According to Denem, many of the research contracts awarded to APL are classified, requiring a security clearance for access and oversight. Very little information about the projects is available to the public. Denem added that, due

ration, and is now run by the director of the lab and is overseen by members of the Hopkins board of trustees," he explained.

"Furthermore the culture of classified civilian research has left a distinct imprint on a contemporary national security state in which military research at universities remains restricted, in opposition to the ideal image of the university as a place of open knowledge," he said.

Hopkins' involvement with drones goes back to the early development of automated robots, continuing on to a 1972 Defense Advanced Research Projects Agency contract to work on aerial drones with automated stability. Since then, Hopkins has decided to shift its primary efforts towards developing smaller drones that can be carried in the backpacks of ground soldiers.

Despite this change, Denam explained that APL still has involvement in the creation of larger combat

65 teams compete in business competition

By ASHLEY EMERY
News & Features Editor

The 13th annual Johns Hopkins University Business Plan Competition was held on Apr. 27 by the Center for Leadership Education, featuring various 15-minute pitches on individual teams' business ventures.

The competition requires teams to build a successful business plan around an idea or cutting-edge technology. They must then develop their target market, identify potential competition for their idea, create a market entry strategy and present their final pitch to industry professionals and venture capitalists.

There are three different categories in which participants can enter: general business, life sciences and social enterprise. For the first place winner in each category there is a \$6,000 prize, \$4,000 for second, \$2,000 for third and \$250 for the runners-up. In total, the competition awards more than \$36,000.

The competition featured 65 teams, which was more than ever before. Students were able to enter into the competition in teams or as individuals, but each team had to have at least one member who is a full or part-time student at Hopkins. The competition included students from the Bloomberg School of Public Health, Carey Business School, Krieger School of Arts and Sciences, Nitze School of Advanced International Studies, School of Medicine and Whiting School of Engineering (WSE).

The winners from this year included two teams from the Whiting School of Engineering. In the General Business

category, Meditel Health Solutions won, under the leadership of Benjamin George, a graduate student from Bloomberg and Jason Reminick. Meditel Health Solutions is the only telemedicine-based, health care service provider that links physicians and patients via webcam and simple web-based video conferencing to enable examination and assessment for Parkinson's disease.

In the Life Sciences category, Salveo Vascular won, under the leadership of Adam Clark, Shuja Dawood, Nathaniel Moller, Luis Soenksen and Jonathan Moller. This start-up medical device venture is dedicated to preventing infectious and functional complications in vascular access devices through the recognition of clinical needs and development of disruptive solutions. All members but Jonathan Moller are graduate students from WSE.

In the Social Enterprise category, John-William Sidhorn, Marton Varady and Shuja Dawood, all graduate students from WSE, won with Momo Scientific. This social venture medical device company seeks to reduce the global burden of cervical cancer, and collaborated with Jhpiego, to develop CryoPop, a low-cost cryosurgical medical device that ablates precancerous lesions of the cervix.

The keynote speaker of the awards ceremony was Kevin Joseph, president and CEO of West Chester Hospital and senior vice president for UC Health in West Chester, Ohio. Joseph graduated from Hopkins in 1996 with degrees in biomedical engineering, psychology and materials science.

After 40 years, the Johns Hopkins Outdoors Club hikes on

Members, past and present, of nature-oriented student group to reconvene, reflect

BY RACHEL WITKIN
Editor-in-Chief

In 1972, a group of students started the Johns Hopkins Outdoors Club (JHOC) because they wanted to experience nature close-up on weekends around the area. They decided to create an official student group that took adventurous trips as often as possible.

"JHOC originally started as a group of kids that wanted to go have fun outside," JHOC Director junior Jacob Wildfire said. "The University really supported them, gave them a bunch of funds and said 'hey, we support your decision, go have fun outside.'"

Forty years later, JHOC has around 25 members. The club still exists so students can go on outdoor adventures, although it is much tamer than it was during its first few years.

"The JHOC has often had a reputation for being a little edgy," JHOC Historian junior Jeremy Orloff wrote in an email

to *The News-Letter*. "Annual traditions involved rappelling off the Gilman clock tower and streaking through the library during finals."

According to Wildfire, the University used to endorse their stunt on the Gilman Tower until they eventually realized how dangerous it was. Members have not rappelled off the tower in years. JHOC also used to welcome the freshman class with a hike through the Shenandoahs and had trips that included horseback riding, ice skating and corn mazing. The group still does many of the same activities, however, such as backpacking, mountain biking and caving.

"We've continued the traditions of many of our trips. Our rappelling trips still take place at the same abandoned highway bridge in suburban Md. that JHOCers were using in the early 90's if not earlier," Orloff said. "We still return to the same cave in WV where JHOCers have

gone for decades. Every fall, we welcome prospective club members with a trip to Assateague Island."

While these trips follow the same traditions as they did forty years ago, there are more stringent rules regarding the trips. Due to risky decision making on the part of outdoor groups across the country, JHOC now has to get all of their trips approved by having proper training and medical forms.

"Specifically, in the past 15-20 years, JHOC has really come into compliance and that's definitely shifted JHOC," Wildfire said. "At the same time, we

still like to encompass that JHOC spirit that always has been and always will be free and independent and worldly. We definitely value the ability to go have fun in the woods as always. Now we just have to sign some forms."

Publicity Manager and Webmaster junior Adam Gross does not think that this risk management has negatively affected the group. "There are changes in the ways that we operate but not in the spirit of the club,"

he said.

Wildfire thinks that the spirit of JHOC stems from its status as an entirely student-run group. JHOC leaders fill out paperwork before trips, clean and prepare their gear, plan each trip and figure out transportation.

"We call the shots. If we want to run a backpacking trip, we do, but if we don't, we don't. The spirit of our club is really focused on nature and enjoying the outdoors," Wildfire said. "It is entirely student-run, which makes me extremely proud. It really brings us together as a community. We put in a lot of time together, a lot of work together, but we all love it in the end."

The group is holding an Alumni Reunion and

barbeque this weekend to celebrate its 40th anniversary. They love seeing

their alumni, as most of them still participate in outdoors activities.



COURTESY OF JEREMY ORLOFF

The Johns Hopkins Outdoors club, circa 1974. This year, the organization celebrates its 40th anniversary.



COURTESY OF JEREMY ORLOFF

Just like today, the club's trips also included caving and going to different sites in MD.



COURTESY OF THE JOHN HOPKINS OUTDOORS CLUB

Rappelling off of Gilman Tower used to be an University-endorsed tradition.

Smartphone app arrives at Hopkins

MOBILE, FROM A1

to create the application, expanding upon a framework that BlackBoard created.

"STS and SGA collaboratively gathered all of the information. STS created the graphics seen in the application and all of the middleware that allows this information to stay up to date," Steve Presser, the Technical

Lead of JHUMobile of STS, wrote in an email to *The News-Letter*.

The application promotes the constant connection of students to traditionally online resources. The Courses capability, for example, allows students to browse and bookmark course catalogs.

Transportation is also made more accessible

through the application. The Transit module allows you track the Blue Jay Shuttle, Collegetown Shuttle and JHMI.

The JHUMobile application has been embraced by students, with at least 1,200 installations on iOS and Android within the first 48 hours of its release.

"At least 2,500 people read the launch email. Since about half of the people in our age range own a smartphone, this means we've had a very strong response among students," Presser wrote.

The JHU Mobile application is now available only to students with iOS or Android, but a version for BlackBerry is forthcoming.

It is also slated to expand to the internet as well so that students who do not have smartphones can utilize the new capabilities. Presser confirmed that a mobile web version is coming.



COURTESY OF THE JHU SGA

The new JHUMobile App acquired 1,200 downloads in the first 48 hours of its launch.

Hopkins hosts classes for secret service

SECRET SERVICE, FROM A1
Secret Service officials consulted with Hopkins in the fallout of the controversy.

"The directors [of the agency] asked what we might contribute to the Cartagena controversy... and if we could retool the event in its context," he said.

Although 20 agents were initially slated to attend, 100 appeared on the roster in the two weeks prior to the course. Dreisbach could not confirm if any of the agents in attendance hold a role in the prostitution allegations.

Dreisbach could not elucidate much beyond that: details of the training are clandestine, and its specific venue has not been disclosed. The course spanned Wednesday, May 2 and Thursday, May 3.

Dreisbach did say on Wednesday that the first day of training had gone "particularly well."

"Basically, we're discussing what ethics are, and we're seeing progress," he said. "The assumption is that they're already ethical — they don't need a lesson in it. We're trying to examine how they will behave in

situations of ethical tension."

Dreisbach is among the undisclosed list of academics from the School of Education's Division of Public Safety Leadership who spearheaded the seminar. The Division of Public Safety Leadership serves as both an ethical standard-bearer for the university and a liaison between it and myriad federal institutions, offering graduate and undergraduate courses in ethics in addition to its instruction to the Secret Service and Immigrations and Customs Enforcement.

Thank you to everyone who has helped The News-Letter this year, especially:

Carrie Bennett,
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Alain Joffe,
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Katherine Newman,
Anne Pliska,
Jerome Schnydmann,

Dennis O'Shea,
Dorothy Sheppard,
Edmund Skrodzki,
William Smedick,
Michael Sullivan,
Rob Turning,
the custodial staff,
HopCops and all
Hopkins coaches
and student
athletes.

NEWS & FEATURES



COURTESY OF PERKINSWILL.COM

With the addition of two new towers, the Johns Hopkins Hospital is geared towards the patient experience.

Medical facilities open doors

Bloomberg gift marks Maryland's largest hospital project

HOSPITAL, FROM A1

was the part everyone was most nervous about, but everything went like clockwork," Martin said.

The new additions and developments within the hospital, have been well received by the doctors, many of whom are thoroughly impressed with the new conditions. There's a cafe that recently opened for business, and a courtyard garden for patients to relax in.

"The closeness of the inpatient clinic to our rooms and other facilities makes everything more efficient, and allows for patients to ultimately spend less time in the hospital. There's no more overhead paging, or the noise that goes along with it. These things don't seem like a big deal at first, but when you stop and think about it, they make a huge difference. A host of new designs and technologies

have added to the greater sense of peace and calm," Dr. Kenneth Cohen, a medical director in the Department of Oncology, said.

In addition to plentiful windows allowing natural light to stream into rooms and hallways, the new hospital has a variety of artwork, including a sculpture of a school of yellow pufferfish dangling down through a stairwell, to floors designed entirely around children's books.

The art is especially vibrant in the Bloomberg Children's Center, where Dr. Kenneth Cohen, a medical director in the department of oncology, works.

"The artwork is spectacular," Cohen said. "I honestly think one of the greatest pieces of art is the view, and the light. The previous building was pretty dark."

Hopkins alumnus Mayor Michael Bloomberg donated the money for the artwork. More than 70 different artists helped to create over 300 pieces of art to keep kids interested, relaxed and on well their way to healing.

"There are tons of wonderful things for the kids—everywhere they could put art, they did put art," Martin said.

Some doctors and staff members reflected on their experiences from the old hospital.

"I have to say, as we were slowly having the patients move out, people were getting a bit reminiscent for the old space and for the experiences. The new place is definitely exciting, but it'll take time to create the memories that permeated the old hospital, and those were instrumental in helping us all in our work," Cohen said.

Amendment seeks fair campaigns

SGA, FROM A1

especially through the student government," Mendoza said.

In addition, the amendment was developed to protect members of the SGA from making campaign infringements during SGA elections. While SGA members are encouraged to participate in elections, if they choose to campaign, they are required to campaign fairly.

"If you feel it's something you're not sure is right or wrong, you should probably not do it, and this ensures that there's no trouble for any future members of the student government, who might be campaigning and are not sure where they fall on that line," Mendoza said.

While the CSE's constitution monitors candidate behavior in SGA elections, the new amendment only pertains to members of the SGA. The SGA passed the amendment before the elections for upper-classmen board positions this Thursday to ensure a clean election.

"We want to encourage people to be enthusiastic about elections and really to endorse whoever they want to, but, at the same time, to do it in a very positive manner, in a way that still abides by all the rules," Mendoza said.

The amendment and its emphasis on an increased amount of transparency during elections were well-received by members of the SGA.

"I think this amendment will lead to cleaner and fairer SGA elections, and will give candidates

greater security and autonomy over their campaign," Wyatt Larkin, the Vice President of the SGA Executive Branch, wrote to *The News-Letter* in an email.

Throughout the past few weeks, the CSE has also worked with the SGA and Robert Turning, the Director of Student Life, to prepare for the upperclassmen board elections. Last week, the CSE held mandatory information sessions for all candidates.

Michael Wu, the Head of the CSE, said the CSE has increased awareness of the upcoming elections and will be sending school-wide emails that encourage the student body to vote.

"It really only does take, at most, three minutes. Treat it as a study break. We know people go onto memes websites. Why not spend a few of those minutes to get your voice heard?" Wu wrote in an email to *The News-Letter*.

In addition, the CSE works to ensure that all campaigning is done fairly.

"We actively look for violations ourselves, in addition to carefully considering all complaints filed/reported very seriously," Wu wrote. "Also,

we check candidates' petitions to ensure people got their signatures honestly and the process was done the right way."

Wu continued on to discuss the competitive nature of the upcoming elections. While the elections for the Class of 2013 and the Class of 2014 do not have as many partici-

pants, the Class of 2015 election has 14 students competing for six spots. Wu has not seen such an active election since the Class of 2013 senatorial election in 2010 when 13 students fought for six spots.

"I am very excited to see how this one turns out," Wu wrote. "We all love to see competitive elections and hope that the best candidates win."

While several newcomers are running in the Class of 2015 elections, Joshua Goodstein, the current Class of 2015 President, is stepping down.

"I have not dismissed the idea of SGA in the future, but I will pursue other interests in the fall," Goodstein wrote in an email to *The News-Letter*. "I will always be committed to the goals and virtues set forth by SGA. I will also be available as a leader, teammate and colleague to my classmates and the Hopkins community."

David discusses political science

Esteemed professor reflects on education, teaching and snakes

BY CHRISTINA SOCIAS
Staff Writer

For nearly 30 years, Dr. Steven David has been an educator and leader of the Hopkins community. Currently, David splits his time as Vice Dean for Undergraduate Education and as a faculty member in the Political Science Department.

Whether he is serving the Hopkins community as a professor or dean, David has garnered the approval and praise from both his peers and his students.

To highlight a few of his distinguished awards, David has received the Excellence in Teaching Award by the Johns Hopkins Alumni Association and the George Owen Teaching Award for Outstanding Ability in Teaching and Devotion to Undergraduates.

David has demonstrated this devotion to undergraduates through his work in co-forming and managing the Woodrow Wilson Undergraduate Research Fellowship Program, which allows students in the School of Arts and Sciences to gain valuable research experience in their perspective areas of interest.

Separate from his position as vice dean, David has served as a faculty member in the Political Science Department since 1981.

"I really enjoy teaching here and I enjoy all types of classes," David said. "Lecture classes are unfairly maligned."

David's passion for teaching at Hopkins and educating Hopkins students is unmistakable. He appreciates the commitment to excellence that is grounded in the Hopkins education.

"I love the students here," David said. "They are smart, enthusiastic, open minded and passionate about the subjects we talk about."

David has been teaching and researching his perspective subjects for many years. His focus in international relations is on international security and the developing world.

David has always been interested in international affairs, even as a young boy growing up in the Bronx.

"Growing up in the south Bronx taught me

about ethnic conflict, anarchy, the use of force... everything is in the south Bronx," David said.

David's high school experience was a memorable one as well. He attended a large all-boys public high school.

"My high school was 7,000 boys in the Bronx...it holds the greatest number of alumni in the national basketball association," David said.

After high school, David attended Union College, where he majored in Political Science. As an undergraduate, David remembers being politically involved in numerous organizations.

"Politically, as an undergraduate, I was involved in a lot of protests against the Vietnam war," David said. "Since then, my views have evolved—not so much about Vietnam but about other things."

After receiving his bachelor's degree from Union, David advanced to Stanford University for graduate school. At Stanford, David received his Masters in East Asian Studies.

He would then finish his education with his Ph.D. from Harvard University. While at Harvard, David recalls learning from Samuel Huntington, his thesis advisor and renowned political theorist.

After receiving his Ph.D., David became a teaching fellow at Harvard and then became a professor Hopkins.

Although he has received multiple awards and prestigious recognitions, David is most proud of his garnered reputation

amongst Hopkins students.

"I think I've earned the respect of a lot of the students at Hopkins. That means a lot to me, and I will take this with me," David said.

In turn, David offers valuable advice to Hopkins students. He stresses having a broad-based education and pursuing one's passions.

"In terms of studying, they [students] should really study what they have a passion for," David said. "Important thing is to do something you enjoy, don't be too utilitarian."

Drawing from his own undergraduate experiences, David recommends challenging opinions and voicing your own concerns.

"This is a time for people, in a civil way, to question authority and not simply accept views because they are told by others," David said.

Currently, David is writing a book on the existential threats to Israel's existence. He is also planning on teaching at Sciences Po over the summer.

In the meantime, David enjoys playing racquetball, as well as collecting and studying snakes. Although he no longer owns his Scaler King snake, David still looks for snakes during his free time.

When students enter David's office they are greeted by his charming puppy, Daisy, and the chime of his quirky bird clock. It is a welcoming atmosphere—an atmosphere fitting of a professor committed to undergraduate enrichment and success.



COURTESY OF WWW.CER.JHU.EDU

David teaches a variety of political science classes at Hopkins.

Step Up endorses "giving back"

STEP UP, FROM A1

University's alumni network.

Carroll and junior Louisa Drake lead the committee's other five undergraduate staffers: seniors Syntech Ribeiro and Nigel Hakeem; juniors Will Shepherdson and Marni Aronson; and sophomore Carolina Hernandez.

"We hope to celebrate the students who give back," Drake said. "Hopkins, after all, was founded on a philanthropic gift—from Johns Hopkins himself."

The celebration began with a launch party on Keyser Quad late Sunday night, Apr. 29, where staff members distributed complementary glow sticks and snacks to ring in the weeklong occasion. The party drew many of its attendees from those in the Milton S. Eisenhower Library seeking relief from their studies. This event set the tenor for the week to come—five days marked by gatherings in Homewood's busiest locations.

On Monday, Step Up committee members transformed Levering Plaza into a "life-sized board game." They asked

students who passed by to partake as game pieces.

Members made and distributed "smoothies for service" on the Beach on Wednesday as a commemoration for the 70,000 hours of community service clocked by Hopkins undergraduates in the fall 2011 semester.

"Giving back isn't simply about money," Carroll said. "So many individuals give their time and efforts to this place, which in many senses is as powerful as a check."

Students enjoyed the festive events throughout the week.

"You see people giving out free food on the Beach, and yeah, you're probably going to stop and get some," freshman Alvaro Lasa said. "Maybe you'll stick around and talk, or take a brochure, but most people are in transit from point A to point B."

Carroll emphasized that Step Up is not merely a week of happenings, but also an overarching campaign for promoting a general affinity for Hopkins. In addition to the week's event calendar, the Step Up website features videos of members of the Student Government As-

sociation and other campus groups discussing the vitality of their individual undergraduate experiences.

"If you have a new initiative or a new idea... funds are available for you," Junior Class President Alexandra Larsen, who also aids research at the School of Medicine, says in her video, posted to YouTube following Step Up 2011. "It's all through philanthropy that we're able to make a difference."

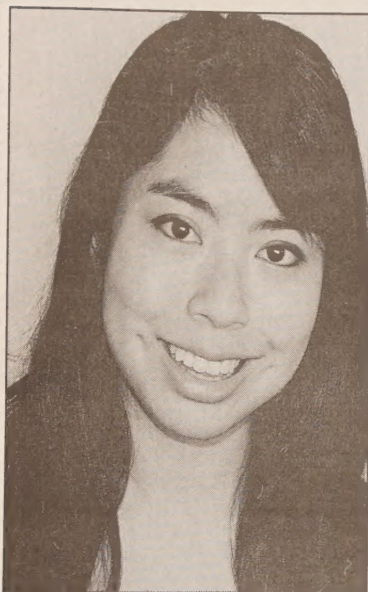
The website also links to other philanthropy-driven campus organizations: the pages for I Heart Hopkins, the Class of 2012's senior class gift campaign, and the Student Alumni Society both feature, though neither is directly involved with Step Up. Both Step Up and the Student Alumni Association, however, work in conjunction with the university's Alumni Association. Step Up falls under the specific umbrella of the Office of Early Engagement, which allocated funding for the week's events.

Step Up staff members declined to elaborate on the size of their budget this year.

FAREWELL



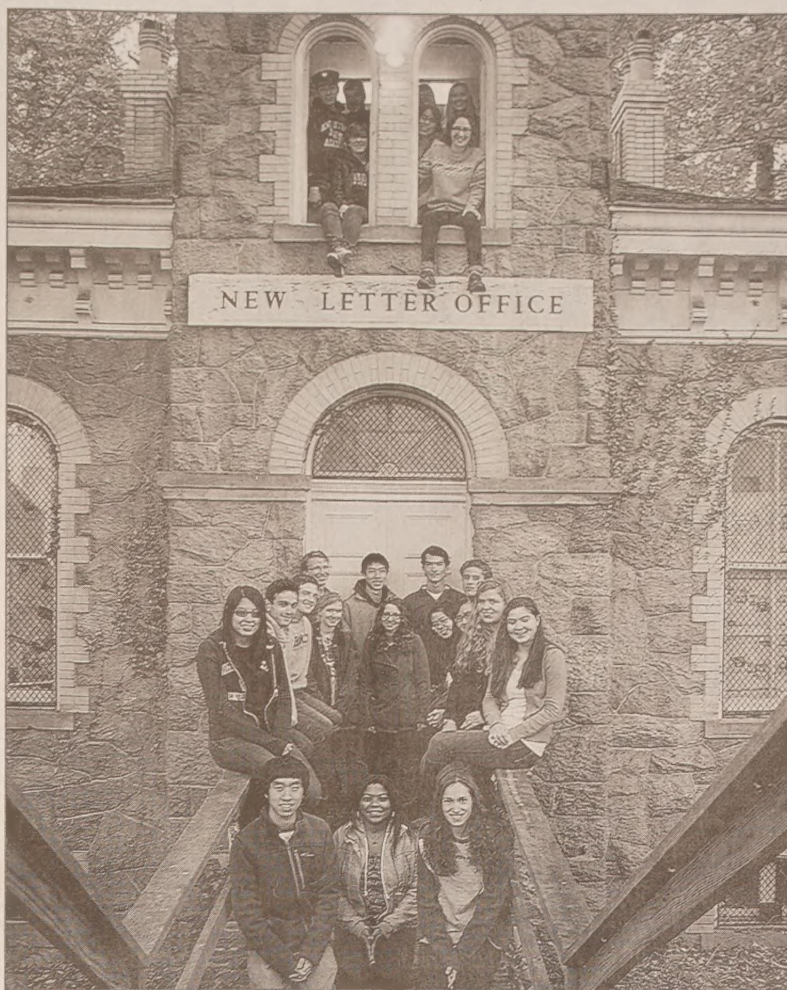
Hsia-Ting
“Don’t worry bout it”
Chang



Barbara
“Lana del Rey”
Lam



Laura Price-Muth



Windows, left to right: Alex Mui, Ryan Kahn, Laura Muth, Hsia-Ting Chang, Barbara Lam, Christina Warner, Lily Newman
Down row, left to right: Katherine Simeon, Sam Glassman, Mike Kanen, Evan Keefe, Mary Katherine Atkins, Erick Sun, Rachel Witkin, Zachary Goldstein, Florence Lau, Nikko Price, Alice Hung, Katie Quinn, Ashley Emery
Kneeling, left to right: Ian Yu, Nathalia Gibbs, Mali Wiederkehr



TO OUR GRADUATING EDITORS-IN-CHIEF:

With gratitude, the Staff of *The News-Letter*

Lily
“Porcus”
Newman

Christina
“TV Dinners”
Warner

Dude. We are going to miss you next year. You have shown an extraordinary amount of devotion to *The News-Letter* as an Editor-in-Chief for the past two years. We will greatly miss your presence in Ed Board, your quirky DP ad ideas and your never-ending talks at meetings. We know that you will continue to use your editorial power for the good of mankind next year at NYU. We just hope there will be someone there to watch pig videos with you.

If we had to pick one thing we’re going to miss about you, it would definitely be the hour-long debates over what we should eat for dinner. Seriously though, you have put in so much hard work at *The News-Letter* over the past four years, especially as an Editor-in-Chief this year. We will miss your creativity and your ability to write articles at a lightning-fast pace. We know that you will bring this dedication, efficiency and even your decision-making skills to Colorado Law next year.

Congratulations to the 2012-2013 Editorial Board!

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Rian Dawson, Rachel Witkin

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Nathalia Gibbs, Kelly Standart, Xixi Xu

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Mike Kanen, Frank Schiff, Erick Sun

THIS summer YOU CAN ...

- **LIGHTEN** your fall and spring course loads
- **IMPROVE** a grade
- **COMPLETE A FULL YEAR** of a foreign language, chemistry, calculus or physics
- **FREE UP TIME** during the school year to study abroad or do research or an internship
- **FOCUS** on one or two classes instead of five

UNDERGRADUATE SUMMER 2012

SUMMER SESSIONS

PRE-SESSION: May 21 - June 22

TERM I: May 29 - June 29

TERM II: July 2 - August 3

MATH ONLINE: June 18 - August 3

PSYCHOLOGY ONLINE: May 29 - August 3

STUDY ABROAD

We'd love to see you on the Homewood campus this summer, but if you've got the travel bug consider studying abroad in United Kingdom, Australia, Argentina, Italy, Spain, or South Africa!

Contact jhuabroad@jhu.edu for more information about these exciting study opportunities.



REGISTRATION

Register online
(beginning April 9):
<http://isis.jhu.edu>

HOUSING

To learn about summer housing, contact the Housing and Dining Office at <http://jhu.edu/hds>

TUITION

Tuition is \$690 per credit.
Financial aid is available to students.

Please visit
<http://jhu.edu/summer/undergrad/hopkins/financial.html>
to explore your options.

CONTACT INFO

For more information about Summer 2012, contact the Office of Summer and Intersession Programs at summer@jhu.edu or 410.516.4548

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2012 UNDERGRADUATE SUMMER COURSES

DEPARTMENT/COURSE TITLE
(The courses listed are subject to change)

COURSE NUMBER
(JHU DISTRIBUTION)

TERM

ANTHROPOLOGY

Scientific Inquiry as a Social Process	AS 070.258.21 (HSW)	II
Portraits of a Nation	AS 070.267.11 (HS)	I
The Savage & the Primitive	AS 070.272.11 (HS)	I

APPLIED MATH & STATISTICS

Mathematics and Politics	EN 550.103.11 (Q)	I
Statistical Analysis I	EN 550.111.11 (QE)	I
Statistical Analysis II	EN 550.112.21 (QE)	II
Discrete Mathematics	EN 550.171.21 (Q)	II
Introduction to Biostatistics	EN 550.230.21 (QE)	II
Probability and Statistics	EN 550.310.11 (QE)	I

ARABIC

Beginning Arabic I	AS 375.119.11	I
Beginning Arabic II	AS 375.120.21	II

ART

Art of Architecture	AS 371.147.11	I
Black & White: Digital Darkroom	AS 371.162.21 (H)	II
Exploring Art in a Virtual World (Online Course)	AS 371.169.21	II
Documentary Photography	AS 371.303.21 (H)	II
Photography: Program in Ireland*	HA 371.303.31 (H)	SA
Photography: Program in Ireland*	HA 371.304.31 (H)	SA

BEHAVIORAL BIOLOGY

Stress and the Brain*	AS 080.301.11 (N)	I
Animal Behavior	AS 200.208.21 (NS)	II

BIOLOGY

Intro to Biological Molecules	AS 020.205.21 (N)	II
Biochemistry*	AS 020.305.11 (N)	I
Biochemistry Laboratory*	AS 020.315.21 (N)	II
Cell Biology Laboratory*	AS 020.316.11 (N)	I
Australia: Emerging Issues in Biotechnology*	HA 020.122.31 (N)	SA
Human Physiology	AS 020.227.21 (N)	II

CHEMICAL AND BIOMOLECULAR ENGINEERING

Chemical and Biomolecular Engineering Laboratory*	EN 540.313.11 (EW)	I
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CHEMISTRY

Introductory Chemistry I	AS 030.101.11 (N)	I
Introductory Chemistry II	AS 030.102.21 (N)	II
Introductory Chemistry Lab I	AS 030.105.11 (N)	I
Introductory Chemistry Lab II	AS 030.106.21 (N)	II
Introductory Organic Chemistry I*	AS 030.205.11 (N)	I
Introductory Organic Chemistry II*	AS 030.206.21 (N)	II
Problem Solving Methodology in Organic Chemistry I*	AS 030.207.11 (N)	I
Problem Solving Methodology in Organic Chemistry II*	AS 030.208.21 (N)	II
Introductory Organic Chemistry Laboratory*	AS 030.225.11 (N)	I
Introductory Organic Chemistry Laboratory*	AS 030.225.12 (N)	I
Introductory Organic Chemistry Laboratory*	AS 030.225.23 (N)	II

CLASSICS

Love, War and Glory: Gods and Heroes of Greek Mythology	AS 040.134.11 (H)	I
The Grandeur That Was Rome	AS 040.135.21 (H)	II

COMPUTER SCIENCE

Intro to Programming in Java	EN 600.107.11 (E)	I
Intro to Programming in Java	EN 600.107.22 (E)	II
Intermediate Programming	EN 600.120.11 (E)	I
Data Structures	EN 600.226.21 (QE)	II
Foundations of Computer Integrated Surgery	EN 600.245.21 (E)	II
Automata & Computation Theory*	EN 600.271.11 (QE)	I

DISCOVER HOPKINS HEALTH STUDIES

Public Health Considerations to Food Access	AS 360.115.41	PC
The Hospital	AS 360.118.41	PC
Mind, Brain and Beauty	AS 360.116.51	PC
Application of Abnormal Psychology to Forensic Cases	AS 200.220.41	PC
Medical Ethics	AS 360.126.51	PC
Pathways to Medicine	AS 360.120.41	PC
Infectious Disease	AS 360.127.51	PC

ENGLISH AS A SECOND LANGUAGE

Introduction, Intermediate, Advanced Levels	AS 360.100.21	II
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Terms - P: 5/21-6/22 I: 8/29-6/29 II: 7/2-8/3

SA - Study Abroad

PC - Pre-College

* Course not open to pre-college students.

EARTH & PLANETARY SCIENCES

Introduction to Global Environmental Change	AS 270.103.01 (N)	P
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ECONOMICS

Elements of Macroeconomics	AS 180.101.11 (S)	I
Elements of Macroeconomics	AS 180.101.22 (S)	II
Elements of Microeconomics	AS 180.102.11 (S)	I
Elements of Microeconomics	AS 180.102.22 (S)	II
Game Theory and the Social Sciences*	AS 180.215.11 (S)	I
International Monetary Economics*	AS 180.242.21 (S)	II
Financial Markets and Institutions*	AS 180.266.11 (S)	I

ELECTRICAL & COMPUTER ENGINEERING

Circuits*	EN 520.213.11 (E)	I
Signals and Systems I*	EN 520.214.21 (QE)	II

ENGLISH

Franz Kafka	AS 060.134.21 (H)	II
Political Satire from Swift to Colbert	AS 060.135.21 (HS)	II
Jane Austen and Film	AS 060.179.11 (H)	I
Crime and Detective Fiction	AS 060.214.11 (H)	I
Coming of Age Novels	AS 060.221.21 (H)	II

ENTREPRENEURSHIP & MANAGEMENT

Introduction to Business	EN 660.105.21 (SW)	II
Financial Accounting	EN 660.203.11	I
Principles of Marketing	EN 660.250.21	II

FILM & MEDIA STUDIES

Auteur 101: Short Filmmaking Laboratory	AS 061.161.21 (H)	II
American Masterpieces	AS 061.248.11 (HW)	I
School Daze	AS 061.282.21 (HW)	II

GERMAN & ROMANTIC LANGUAGES & LITERATURE

Spanish Elements I Online	AS 210.111.11	I
Spanish Elements II Online	AS 210.112.21	II
Italian Elements I Online	AS 210.151.11	I
Italian Elements II Online	AS 210.152.21	II
German Elements I	AS 210.161.11	I
German Elements II	AS 210.162.21	II
Intermediate Spanish I Online	AS 210.211.11 (H)	I
Intermediate Spanish II Online	AS 210.212.21 (H)	II
Advanced Spanish I Online	AS 210.311.11 (H)	I
Advanced Spanish II Online	AS 210.312.21 (H)	II
Real French	AS 211.420.21 (HW)	II
Cinema in Spain and Latin America	AS 215.375.11 (H)	I
Catania: Italian Elements I*	HA 210.151.31	SA
Catania: Italian Elements II*	HA 210.152.31	SA
Catania: Italian Intermediate I*	HA 210.251.31 (H)	SA
Catania: Italian Intermediate II*	HA 210.252.31 (H)	SA
Journeys in Medieval Italy*	HA 211.306.31/ HA 214.306.11 (HW)	SA
Journeys in Renaissance Italy*	HA 211.307.31/ HA 214.307.31 (HW)	SA

HISTORY

War in American Culture	AS 100.149.11 (H)	I
Consumer Culture and the Modern City	AS 100.160.21 (HS)	II
The United States and the Philippines	AS 100.217.01 (HSW)	P
Early American Legal History	AS 100.274.11 (HS)	I

HISTORY OF ART

Intro to History of European Art II	AS 010.102.11 (H)	I
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HUMANITIES CENTER

Puppet, Vampire & Somnambulist	AS 300.231.11 (H)	I
The Modern Novel and Realism	AS 300.252.01 (H)	P

INTERDEPARTMENTAL

Intro to Research in the Humanities	AS 360.110.21	II
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MATHEMATICS

Introduction to Calculus	AS 110.105.21 (Q)	II
Calculus I (Biology & Social Sciences)	AS 110.106.11 (Q)	I
Calculus II (Biology & Social Sciences)	AS 110.107.21 (Q)	II
Calculus I (Physical Sciences & Engineering)	AS 110.108.11 (Q)	I
Calculus I (Physical Sciences & Engineering)	AS 110.108.22 (Q)	II
Calculus II (Physical Sciences & Engineering)	AS 110.109.21 (Q)	II
Online Calculus II (6/18- 8/3)	AS 110.109.88 (Q)	I,II
Linear Algebra	AS 110.201.11 (Q)	I
Online Linear Algebra (6/18- 8/3)	AS 110.201.88 (Q)	I,II
Calculus III	AS 110.202.21 (Q)	II
Online Calculus III (6/18- 8/3)	AS 110.202.88 (Q)	I,II

Differential Equations with Applications	AS 110.302.11 (QE)	I
Online Differential Equations with Applications (6/18- 8/3)	AS 110.302.88 (QE)	I,II

MECHANICAL ENGINEERING

Mechatronics*	EN 530.411.11 (E)	I
Intro to Robotics for Undergrads*	EN 530.436.11 (QE)	I
Energy and the Environment*	EN 530.437.11 (NE)	I

MULTICULTURAL & REGIONAL STUDIES

Human Development & Maternal Care in Latin America*	HA 361.255.31 (S)	SA
Argentine History and Politics*	HA 361.300.31 (S)	SA

MUSIC

Western Classical Music	AS 376.231.11 (H)	I
Rudiments: Music Theory *	AS 376.111.21	II

NEUROSCIENCE

An Introduction to Neuroscience	AS 080.105.21 (N)	II
Neuroscience Lab*	AS 080.250.11 (N)	I
Nervous System I*	AS 080.305.11 (N)	I
Nervous System II*	AS 080.306.21 (N)	II
Neural Control of Movement*	AS 080.311.21 (N)	II
Neurobiology of Hearing*	HA 080.362.31 (N)	SA

NONDEPARTMENTAL

Medical Spanish Practicum*	HA 399.100.31	SA
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PHILOSOPHY

Introduction to Modern Philosophy	AS 150.125.21 (HW)	II
Introduction to Bioethics	AS 150.219.11 (H)	I
Introduction to Asian Philosophy	AS 150.227.21 (H)	II
Religion and/or Science?	AS 150.228.21 (H)	II
Philosophy of Physics	AS 150.309.11 (HN)	I
Neuroethics	AS 150.472.21 (H)	II

PHYSICS & ASTRONOMY

General Physics I*	AS 171.101.11 (NE)	I
General Physics II*	AS 171.102.21 (NE)	II
Subatomic World	AS 171.113.21 (N)	II
General Physics Laboratory I*	AS 173.111.11 (N)	I
General Physics Laboratory II*	AS 173.112.21 (N)	II

POLITICAL SCIENCE

Nationalism*	AS 190.343.21 (S)	II
Food Politics*	AS 190.405.21 (S)	II
The Politics of Home	AS 191.209.21 (HS)	II
Globalization and Development: The Clash of Civilizations or a New World Order?	AS 191.251.21 (HS)	II
Politics of Guilt and Sin	AS 191.283.11 (HS)	I
First Amendment Freedoms*	AS 191.380.11 (S)	I
Development of International Thought*	AS 191.407.11 (HS)	I

PROFESSIONAL COMMUNICATION

Professional Communication for Science, Business & Industry	EN 661.110.11 (W)	I
Oral Presentations	EN 661.150.21 (W)	II
Blogging and Online Writing	EN 661.154.21 (W)	II
Culture of the Engineering Profession*	EN 661.315.11 (SW)	I

PSYCHOLOGICAL & BRAIN SCIENCES

Childhood Disorders and Treatments (Online)	AS 200.162.87 (S)	I,II
Financial Market: Winners, Losers, and Protectors' Decisions	AS 200.330.11 (S)	I
Forensic Psychology Soup to Nuts	AS 200.360.11 (S)	I

PUBLIC HEALTH STUDIES

Applied Geographic Information Systems in Public Health	AS 280.222.21 (QS)	II
Health and the Internet	AS 280.223.21 (HS)	II
Public Health in South Africa*	HA 280.325.31 (S)	SA
Community-Based Learning in South Africa*	HA 280.326.31 (S)	SA

SOCIOLOGY

Migration and Social Change in China	AS 230.224.11 (S)	I
Inequality & Social Policy in U.S.A.	AS 230.245.21 (S)	II

WRITING SEMINARS

Fiction Poetry Writing I	AS 220.105.01 (HW)	P
Fiction Poetry Writing I	AS 220.105.21 (HW)	II
Fiction Poetry Writing II	AS 220.106.11 (HW)	I
Short Fiction of David Foster Wallace	AS 220.125.21 (H)	II
Fitzgerald's Short Stories	AS 220.195.11 (HW)	I
Introduction to Fiction	AS 220.200.11 (H)	I
Introduction to Poetry Writing	AS 220.201.21 (H)	II
Introduction to Dramatic Writing: Film	AS 220.204.11 (HW)	I

HIP HOP

The next generation of COLUMNS is here. This is the place for restaurants, fashion, fitness, cooking, relationships, lifestyle and trends

Tweets of the week: School's almost over and it's time for summer vacation



gordon howe @GSHowe9

Fish are friends not food #findingnemo

11h

Looks like Gordon is getting some movie watching in while he still has time before finals week comes up. Finding Nemo is a great choice. It brings back great memories of childhood, it provides plenty of laughs and hopefully the happy ending can help somebody forget about any upcoming work.

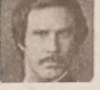


Emily Cheung @emilyc420

Obligatory last week of undergraduate classes tweet...eeekkk

11h

The last week of the 2012 spring semester is upon us. Miley can't seem to believe it so she turns to twitter. She's getting all of her emotions out in this one and "eeekkk" sounds pretty rough. At least we have senior week coming up soon to look forward to which should be a lot of fun.



Not Will Ferrell @itsWillvFerrell

#BestPickUpLines: "I'm gonna put it out there. If you like it you can take it, if you don't, send it back. I wanna be on you."

25m

I'm not sure why, but #BestPickUpLines has been trending for some time now on Twitter. If you do pick up a girl from a line you found at #BestPickUpLines on Twitter, trust me, you should probably leave her. I couldn't resist putting this one up though. Great quote from a great film and I can't wait for the sequel.



SnowGo @YoungJeezy

"In my 1st term I sang Al Green, In my 2nd term I will sing Young Jeezy" - @BarackObama

29 Apr

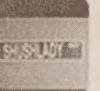
The White House Correspondents' Dinner from this past Saturday is a can't miss. They're just like comedy central roasts, but have a larger repertoire than just telling dick jokes for an hour. My two favorite lines of the night: first was when President Obama joked that Hillary Clinton "won't stop drunk-texting me from Cartagena," and second was his shout out to Young Jeezy.



Michael Grewe @oregonmike7

Nicest lady ever award goes to @ShushLady

28 Apr



Carrie Bennett @ShushLady

@oregonmike7 awwwwee

← Hide conversation

This tweet pretty much explains itself. I feel like I speak on behalf of the senior class when I say, ShushLady we're going to miss you wherever we may be next year.

The Dark Knight Rises - Official Trailer #3 [HD]

WarnerBrosPictures + Subscribe 787 videos ▾



The new trailer came out this week and I am so excited!

Johns Hopkins Confessions

◀▶ + http://jhuconfessions.com/

It's that time of the year again: Hell week at Hopkins

We are at the end of the semester and the wonderful time of hell week. I have four classes. One has a plain ol' final on the last day in the last time slot. Another has a final problem set that is due the last day of class. A third has a written project due the last day of class as well as an oral final during exam week. Then there's the glorious fourth class with its three finals. There is an oral final during the second to last class (by the time you read this, I will have finished that) and a grammar final the last day. Oh, and the take-home portion that is due electronically the first day of finals. So basically, if I make it through the last week of classes, then I get to frolic until the semester is over.

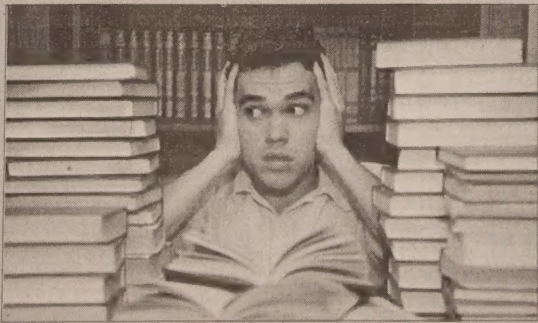
In any sort of humanities course, you're more likely to have final papers and projects. I suppose that it makes more sense than having everyone sit down for an exam, but it defeats the purpose of reading period a little. Reading period is so that you can breathe and prepare for finals. Having work over that stretch increases stress and you lose a bit of focus for whichever final is first. By the time the last day of exams rolls around, I will be well-rested; but for the few assignments that are looming, I may not sleep very much. And only so much can be blamed on procrastination.

ty hours, so a five-question final should take me 6.25 to 12.5 hours; we will be given the problem set on Wednesday at about three o'clock, and it is due Friday at 1:30. So I have to make sure my schedule is practically clear Wednesday and Thursday night -- but I do have a class in Towson on Thursday, so that's a four hour chunk missing. You know what you shouldn't rush? Writing in general. But a slip up like missing a comma won't destroy a paper. However, a neglected negative sign can radically change your answer and screw up your entire proof. No pressure.

gardless, she said that she has to write three pages per question. That's 12 pages total, which I understand to be intense for a social science course. She's also in my three-finals-in-one-week foreign language class. She's got a fair amount on her plate for this week.

For my other foreign language class, I have a five-page illustrated story due the day that this issue of the News-Letter is published. It's a final draft of an assignment we already did, but we have to connect each part of our episodic story as well as add a conclusion. We need a steady plot and at least one new picture. We also have to underline all fifty vocabulary words that we used. It's not that this is hard, per se. It's just that it takes a lot of focus and patience to make sure everything is formatted correctly. It's one of those if-the-font-is-not-Times-New-Roman-you-lose-five-points classes (I'm really liking my hyphens today).

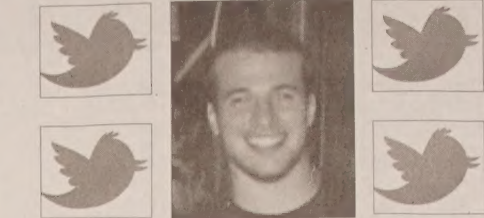
So having three set hours to vomit back, organize, and apply all the information I learned through the semester seems almost like a sigh of relief.



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College students all over spend time stressing out in the library.

JHU Confessions
a space reserved for
your anonymous
unfiltered thoughts
about Hopkins



Ryan Kahn

Tweets of the Week

This weekly column features some of the top posts around the Twitter realm that deal with the week's top stories in sports, politics, pop culture and all things news.



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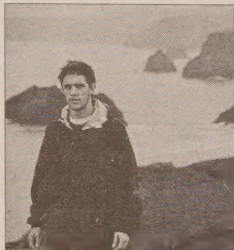
A picturesque fraternity house with its greek letters on full display.

Fraternities at Hopkins:
Unanswered Questions

Frat houses should be investigated

Last week, this very publication published a front-page story on fraternity hazing "allegations" at Hopkins. First, let's be real: every frat probably hazes. What we call hazing here would be considered an utter joke at "real" frat schools, but that's beside the point. According to the Office of Student Life, "deprivation of privileges granted to other members" is considered hazing. Isn't that what it means to be a pledge? I am not in a fraternity, so perhaps I'm mistaken. Another: "expecting new members to perform personal services to [older] members such as carrying books, cooking, cleaning etc." Does that actually count as hazing?

tried to bear hug each other without realizing I was between them. I have felt the condensed sweat rain down on me from the basement ceiling. It is these basements that offer the most serious threat to student safety out of any aspect of Hopkins. What, I wonder, is the fire marshal's capacity prescription for any of these basements? No doubt far lower than the amount of people regularly packed in. What



Nicholas DePaul
Voice from the
Underground

This column engages political, cultural and philosophical issues through provocative and occasionally radical argument.

if, let's say, a gas line broke and ignited during a large party. The only exit, in some cases, is a one-way stairwell slippery with booze and sweat. Result: death. Result: the school could get sued for an insane sum that could damage a reputation.

The administrative response to hazing complaints was insufficient. They know that these things are going on, and if they don't, I don't really know what to say. When students pledge, they do it knowing that there is a chance of hazing. They willingly undergo the hazing, knowing that they can back out at any time. Peer pressure exists, surely, and if you can't say no, that's on you, but I assume that Hopkins students are smart enough (too optimistic?) to know their limits and recognize an unsafe scenario. In the end, eating a ton of condiments, maybe the occasional live goldfish and doing wall-sits won't scar you for life.

If the University is going to take action, there should be a focus on frat houses. I have been to my share of frat house parties. I have winced as three huge shirtless dudes

The Hopkins administration may sometimes turn a blind eye to the typical, illicit activities on campus, such as drinking and hazing. However, they hire a full time staff member to ensure student safety and neighborhood relations. Ignorance is no excuse in this circumstance. The physical and emotional safety of the student body should be priority number one, and the administration backed up that commitment in its response to the hazing allegations. I call on the Office of Student Life to either step up and review the safety standards of all "frat houses," or say "Hey, we know hazing is going on, and we have tolerated it for years like basically every other school with frats." These cannot be mutually exclusive issues, and it's high time the student body took a stand on the safety of our peers and ourselves.

HIP HOP

BUT ALSO observations, rants, lists, thoughts, feelings, missed connections, haikus, confessions, furtive glances and, of course, sex.

A helpful letter to my past underclassman self

Dear Younger Me, It's alright to feel pretty cool right now. You are, after all, not in high school anymore. You are a college student. You have reached season four of Gossip Girl, Gilmore Girls and even Buffy the Vampire Slayer (though let's pretend like she didn't have to drop out to save the world). You're getting pretty damn old! (Remember when 16 seemed like a long way away?)

Christina Warner
Guest Lifestyle Columnist

But it's easy to forget that you won't always be an undergrad. Speaking as your "about to graduate" self, let me tell you that the end is closer than you think.

But don't worry about that. You have more pressing things to think about. Like what to major in. And who to date. And what friends to stay in touch with. And how to best spend your Dining Dollars.

If I were to tell you to "follow your heart," I'm sure you would over-think what that means. And also be like, "WTF, man. Just tell me what to do." Well, hindsight is 20/20 and I can guarantee you that no matter how many "catastrophic" mistakes you make, none actually end up mattering. You're on the right track.

But you're going to have some tough lessons and they won't be in that PoliSci class or Guided Tour of the Planets.

You're about to learn that people aren't always as nice as they should be. And that age doesn't always mean wisdom or good behavior, nor does it make people deserving of respect.

You will date someone who makes you doubt yourself. That's not okay. Neither is making you cry. Just because girls like to cry over boys in TV shows doesn't mean it's something we should expect in real life. It doesn't mean you have a passionate relationship. It just means he's an ass.

There are going to be disappointments. And not just

the didn't-get-the-internship kind. The kind that make you question your whole future. Try to remember that's what college is about. You're not supposed to have everything figured out. If you did, then what the hell would you be doing here?

There will be moments when you will compare your college friends and your high school friends, your freshman friends and your sophomore friends. But don't miss the important similarity: They are all friends. You are lucky to have so many people

who care about you and actually want to listen to your mix tapes. Even if you only see them once a week, once a month, or just over Thanksgiving break, remember that they are a support system. And maybe your strongest one.

Don't feel pressured to go out every Friday night. No one will actually care if you're writing a last minute paper on B-level.

Some final nuggets of wisdom.

-You do like guacamole but Giant has terrible avocados. Don't waste your money.

-When Freshii opens, do not hesitate. Go eat their salads. Especially the one with goat cheese and bacon.

-Starbucks Gold Card is your friend.

-Make friends who are younger and use their Dining Dollars. Go to Sterling Brunch frequently.

-Spend a paycheck at 13.5% wine bar. Your stomach will thank you.

Well, now I feel like all my advice is rooted in food. But when I look back, it's the times at 3 a.m. eating a UniMini Bacon Egg and Cheese that I remember the best. The times that aren't so easily translated in the real world because that's what college is all about. Don't miss those moments.

Love,
Your 22-Year Old Self
(You become a genius, FYI)

Success is not the triumph but the struggle

A young boy, hood up, alone on the bleachers at night looks out onto the dimly-lit field. With the music paused, his ears absorb silence but his mind rings with cacophony. It is a struggle to find the will to stay another half-hour each night, and as he thinks about making his way home, his vision becomes obscured. Another scene comes to dominate his focus: the game, the game four months ahead, the game that makes every extra minute worth it.

Why is it that sports illicit such powerful responses from individuals? Why is it that we aspire to be like the superheroes and star athletes from our childhood? What do they do that makes them so intangibly influential?

Is it because they always win and we like winners? Or is it because after failing time and time again, the final win is so precious that we can produce an emotional response even to a film actor's persona? To think that a life without failure deserves praise is naïve, to think that a life without mistakes is the correct model to follow is immature and youthful at best. As students of this august institution, many of you may not experience physical, psychological, emotional or social pain as those less fortunate may but it is not to say you aren't aware. Comparatively, this community is privileged enough to only focus on the path its members must take to become successful, whatever that is. But before you step forward into a new task, make sure you are not afraid to fail. The harsh reality is that failure is not rewarded, it almost never is. Failure invokes the same response worldwide: ostracism, punishment and skepticism in future accomplishments. But I promise you this, without great failure, there can be no great success.

But in our athletes, we see the process and molding of success. Every person is fighting a battle you don't know about. Our childhood heroes always make a comeback, good always triumphs over evil and hard work always pays off. If you can choose to believe that these are fictional stories of your past, then you walk away with a smile, some memories and nothing more. But if you somehow take your idols' struggles and make them part of your own, if you find some similarity between your fight and theirs, if you can see past the cartoon drawings of Batman saving the world and the YouTube clip of Michael Jordan dunking from the 3-point line, then you'll see something much more valuable about yourself. It extends far beyond any scope of exercise and fitness. If you can identify with the young athlete looking out onto his battlefield, then it's already not worth it to give up.

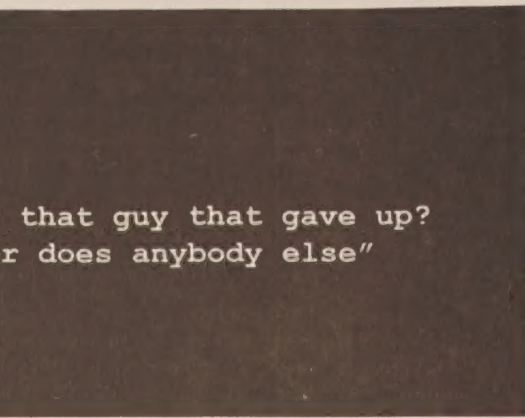


Yang Bai
Fitness Columnist

Don't be afraid to fail. If you walk a path with no obstacles, then that path probably leads nowhere. There is no formula that gives you the fame and respect you've always wanted while keeping you sheltered and safe all the while. The sooner you realize this, the sooner you will be on your way to accomplishing anything you choose to undertake. Whether it's a career in teaching what you're pas-

sionate about, a life as a professional athlete, writer, designer, politician or published intellectual, networking can put you in a comfortable spot but your comfort zone will not carry you into fame. The only thing that's guaranteed to get you where you want to be is hard work, so don't be upset by the results you don't get for the work you didn't do. You may be young or old and asking yourself to confront your most difficult struggle head-on is a tall order. One day this pain will make sense to you. That's because you can't be sure of anything in your future except your own abilities, because you shall not lose faith in your own abilities, because you cannot predict the future and instead create it.

Don't be afraid to fail. You can afford to make mistakes and learn from them; what you can't afford is to avoid every caveat in anyone suggests and live a life uninspired and without passion. You can



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take every bit of technical information I write with a grain of salt. You can empty the whole saltshaker but at the end of the day, it's not the safety of someone else's word that gets you to where you want to be. To be frank, you probably already know what you have to do to get what you want. But perhaps you still haven't done these things because you are looking for a shortcut. I tell you there are no shortcuts. There are no shortcuts to get the good things in life. Don't be afraid to fail. You do have a dream no matter how long it may last. Find it, chase it, protect it. Competition spurs innovation on every level. A nation in crisis will find ways to avoid economic collapse, a losing team in the Superbowl will make the 90-yard drive up the field, and person having failed all previous benchmarks will one day exceed all expectations.

You can have whatever you are willing to struggle for.

If the future were a casino and I was a gambler

The other day, a friend of my parents asked what the future held for me. I thought about it for a moment and responded with a one-word answer: debt. Though we shared a laugh and I told him the real answer shortly after, my initial response resonated with me. I started to realize that debt might actually be metaphor for my past four years here at Hopkins.

Debt is a gamble; it is a test of will and determination to see whether you have enough guts to start in a hole (albeit an incredibly deep hole) and slowly climb your way out while you pursue your dreams. Debt is a litmus test of your goals to see how much they burn inside of you. Debt is a traffic light on the road to your career: green light if you are willing to go through an enormous amount of money that you do not have (and may never have) to get there, red if you're not.

It's stressful. While many of my friends will be making nice salaries and bonuses right out of college at places like Deloitte or the Royal Bank of Scotland, I will be burning through more money in a matter of seconds with a signature than they could hope to make within four years. After graduation, I will be attending the Hopkins Bloomberg School of Public Health for a one-year masters degree in Biochemistry and Molecular Biology and will also

be applying for medical schools, which will undoubtedly require hefty loans resulting in an even larger amount of debt.

And this is why I love Johns Hopkins University. I genuinely do. I have had so many great times and great memories during my past four years here, I have made lasting friendships that will endure long after graduation, I have learned and interacted with some of the brightest young minds and top professors from around the country, and I will be leaving here with so many incredible experiences. But most importantly, Hopkins has given me the courage to gamble on myself.

Hopkins has helped me realize that the return on investment on my future significantly outweighs any price tag that the government or bank can stamp on me. It has taught me that the burden of debt can't even hold a candle to the bright experiences and fun that awaits me.

If the future were a casino, debt would be blackjack. It is to see how much money you are willing to bet on your hand, and how much the winnings will mean to you as compared to the game itself. But the future is not like a casino. Winning does not always result in a larger sum of money than you initially put in the pot — nor do I wish this to be the case. Instead, you take a gamble and the pay-off can hold a world of possibilities. Dealer, I'll hit.



Ryan Kahn
Former Editors
Goodbye

Death Grips: The internet band of the 21st century

Imagine you merged the abnormal and crass parts of the Internet together with the high-level intellect that it also has to offer. With that in mind, you get Death Grips, a new experi-

mental/industrial rap group from Sacramento, California, combining elements of punk, noise, hip-hop and rave. It consists of vocalist Stefan Burnett (a.k.a. MC Ride) and the production team of Zach Hill and Andy Morin. Their latest album, *The Money Store*, was released on April 24 through the major label, Epic. This followed their critically acclaimed debut mix tape *Exmilitary*, which was released for free on the band's web site exactly a year earlier. Their next album, *No Love*, is set to be released this fall.



Alex Hurowitz
Tonespoon
A history and analysis on the current state of music

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Zach Hill, who is most well-known for his work with the noise math rock band Hella, is a fairly successful self-taught drummer. Although mostly recognized for his advanced technical playing, Hill strips

away most of his sound, creating a lo-fi sound. Andy Morin, who is responsible for the keyboards, synths and other effects, creates beats that definitely add to the lo-fi sound, but further develops a frenzied yet invigorating atmosphere. The low quality of such effects and samples give the feeling that they were ripped from a Youtube video.

There is an inherent crunchiness, distortion and glitchiness that pulsates through every song. The song "Punk Weight" from *The Money Store* starts with a Bollywood vocal sample that then gets manipulated and eventually turns into a cacophony of noise and obnoxiousness. "Culture Shock" from *Exmilitary* transports you to what feels like the underworld of the Internet, with a mechanical vocal sample constantly reminding you to "vibrate higher." Another one from *The Money Store*, "I've Seen Footage," starts with a deranged and sickly synth (or guitar?) sound that drives the song as MC Ride raps about the



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"Exmilitary"'s vibrating rhythms illustrate Death Grips' mechanical style.

pandemonium of life. This leads us to the rapping, if we can even call it that. While at times tame, fitting a more traditional rapping style, Mr. Burnett usually goes on what is better described as outrageous rants concerning pop culture and just the sheer randomness of society. Just reading and/or hearing the lyrics, you feel like you are traversing through a sea of vocal garbage (i.e. I got this pregnant snake/ stay surrounded by long hairs/ a plethora of maniacs/ and spiral stairs/ make your water break/ in the apple store). The chorus from that very song, "Hacker," is the loud repetitive chanting "I'M IN YOUR AREA." Being the

last song on "The Money Store," it is the culmination of the fact that this album is literally all up in your space, both aurally and mentally. From the beats to the lyrics, it will probably in some way offend you just due to the unstable nature of this material. Just look at their album artwork, especially for *The Money Store* (very NSFW material). At the same time, there is an inherent catchiness to these songs; it feeds to your basic primitive feelings. In the end, it isn't all juvenile. It is a "friendly" reminder to you that our seemingly civil society has its small outbursts of "savageness." Death Grips are just present to highlight said outbursts.

THE JOHNS HOPKINS

NEWS-LETTER

PUBLISHED SINCE 1896 BY THE STUDENTS OF THE JOHNS HOPKINS UNIVERSITY

Editorial

SGA falls short with election remedy

A recent amendment passed by the SGA details clearer rules governing the conduct by members of the SGA during elections. Prior to this amendment, SGA members were only advised to maintain appropriate behavior during elections. Unlike candidates vying for a position on SGA, current members did not have concrete guidelines under the Committee on Student Elections (CSE).

This page agrees that increased clarity and transparency is needed in the rules governing the behavior of current SGA members in order to maintain the integrity of the elections each year. The amendment states that, “members of the SGA should be held to a higher standard pursuant to the office they were elected to.” The background of an SGA member merits increased

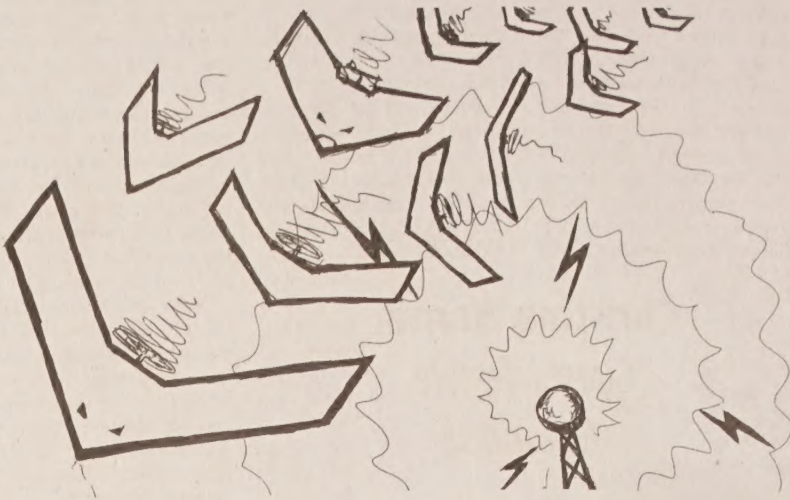
standards during elections.

We believe that the amendment should go further, addressing concrete points to level the playing field. The SGA should work to decrease negative campaigning and stop excessive campaigning activities once the voting period begins; however, these election rules need to be clarified.

While valid intents might underly the rules governing the conduct of candidates as spelled out by the CSE, many rules have failed to keep up with changes in social media. This puts candidates at risk of unintentionally violating the election rules.

If advances can be made in establishing specific guidelines for current SGA members, similar progress must be made on rules for candidates as well.

Clayton Rische



LETTERS POLICY

The Johns Hopkins News-Letter welcomes letters to the editor. Letters must be e-mailed to chiefs@jhunewsletter.com for inclusion in a Thursday issue. All letters received become property of The News-Letter. The News-Letter reserves the right to edit for space, grammar and clarity. Letters must include contact information and cannot be anonymous. The News-Letter reserves the right to limit the number of letters printed.

The APL drones on and on

Last Friday, the Human Rights Working Group and the Graduate Student Organization sponsored a discussion which focused on the University’s role in drone research and production. These drones, also known as unmanned aerial vehicles, are flown by both the U.S. military and the CIA. The Hopkins Applied Physics Lab (APL), a defense contractor and University-affiliated research center, has contributed to the production of the General Atomics Reaper and Predator drones used by the CIA. Because most of the research is classified, little is known about APL’s actual involvement in making the combat drones.

This page commends the Human Rights Working Group and the Graduate Student Organization for calling attention to this topical and salient issue. We would also like to express our concerns about the work APL is doing to help produce these drones.

This page must stress that it does not object to the progress APL has made in helping to help keep our nation secure and our troops safe. We do, however, object to APL’s involvement with General Atomics, contributing to the production of these aerial combat drones used by the CIA in covert operations abroad.

We are particularly concerned about this link between Hopkins and the CIA’s drone strikes for a number of reasons.

First of all, the legality of these

drone strikes is dubious at best. Many international law experts have claimed that drone strikes in countries where there are no recognized conflicts, such as in Pakistan and Yemen, violate international law and accepted standards of morality. These claims are validated when one considers the fact that civilians are often killed in each strike. We believe it to be particularly troubling that a University-affiliated organization is involved in possible international violations.

This page is also concerned about the secrecy of drones and, until recently, their lack of official government acknowledgement. The U.S. government never publicly acknowledges when the strikes occur, and when they do the strike sites are often closed off to the public. APL’s contract with General Atomics is also under wraps. While we realize that the government needs to keep specific information classified, this goes against the open nature of universities, including affiliated organizations like the APL.

Considering the negative consequences of drone warfare, this page believes that the APL should be more transparent with and reconsider the extent of its involvement in the production of drones. As a University-affiliated organization, it should be able to have a civil and constructive open discussion about the exact role that the APL plays in our foreign policy.

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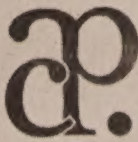
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The Gatehouse
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OPINIONS

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The unusual suspect: U.S. needs to rethink its China policy

By LAURA MUTH

China has been all over the international news headlines recently, both because of its military talks with the U.S. beginning this week and the recent escape of one of its well-known dissidents from house arrest.

The fact that the dissident, Chen Guangcheng, then sought protection in the U.S. embassy, did not ease tensions going into Wednesday's meetings. China's increased military spending (although there is some debate over the size of its defense budget, which some sources claim has seen double-digit growth for the past 20 years) has put the U.S. on edge, while the U.S. presence in Asia has fed into Chinese fears of encirclement.

The Chen issue notwithstanding, the Chinese-U.S. Strategic and Economic Dialogue is going forward.

Despite the inherent and undeniable importance of human rights issues, this is for the best. China's growth not just in terms of its internal development, but its increasing investment in projects in its own region and the rest of the developing world make it impossible to think of trying to isolate or ignore the country.

More hawkish foreign policy thinkers allude frequently to a "Chinese threat," and the need for the U.S. to respond to it.

Security concerns regarding China certainly have some merit, but deserve closer examination to determine the best way to address them. For one thing, much has been made of China's recent development of a stealth fighter, and the possible launch of its first aircraft carrier later this year. However, aircraft

expert Richard Aboulafia, vice president of the Teal Group, a consulting firm specializing in both civilian and military aircraft, has said that the Chinese stealth fighter maintains features that would make it obvious on radar, and that China may still be decades away from a true stealth plane. The aircraft carrier is a remodeled version of a ship China bought from the Ukraine in 1998.

So those more conventional weapons don't actually appear to be able to present a major threat to the U.S. In fact, it is unlikely that China poses any real threat to American national security at all. What it could threaten is American interests in Asia, and it is more likely to do this through asymmetric warfare.

Specifically, China has been developing some of its anti-access and area denial capabilities. These sorts of strategies do not aim to best the U.S. in a direct confrontation, but rather to prevent the U.S. from entering into certain engagements entirely. These include the development of missiles and drones that could target aircraft launching from aircraft carriers, for example, rather than attempting to match the U.S. Navy itself. This could effectively limit the power of U.S. carriers without the difficulty (or danger of escalation) that attempting to sink them would cost.

These, coupled with improved cyber and space capabilities, provide China with a way to combat American influence

level, ones that enable countries without the U.S.'s massive defense budget and capabilities to nonetheless hold their own in

of their military and their quest for greater regional influence are natural. As such, it should not always be perceived as a threat to U.S. interests, although it does merit careful observation.

And of course, the U.S. should also seek engagement and cooperation as much as possible. Despite security concerns and lingering distrust between the two powers, they have common interests, both in terms of economic cooperation and in seeking stability in the developing world. On moral grounds, the U.S. has an interest in continuing to push for greater respect for human rights in China, just as it has an interest in constantly seeking to improve its own human rights record. Beyond military strategy, open communication has the greatest potential to promote peace between the two countries. The challenges to communication are myriad, but so too would be the rewards.



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Members of a Chinese military honor guard march in a ceremony in Beijing. China's military rise is troubling for the U.S.

in its region without having to try to beat U.S. conventional forces or spending, both of which remain without parallel.

U.S. strategists are used to thinking of asymmetric warfare in terms of insurgents with improvised explosives; that is, when they think of asymmetric warfare at all. China's military could well be leading a trend toward new asymmetric warfare capabilities on the state

conflicts that do not take place in the American homeland. In seeking to address military threats presented by China, the U.S. should take care not to fight past wars, but to think about the future of warfare.

Beyond that, there is the fact that China is becoming a major power, not just militarily, but also economically and politically, especially in the developing world. To an extent, the modernization

Laura Muth is a senior Political Science major from Alexandria, Va.

In the upcoming election, let's shape history

By NIKKO PRICE

This is a decisive year in our nation's history. Six months from now, we will decide whether President Obama will remain the "leader of the free world" or whether the presumptive Republican nominee, Mitt Romney, will take over the reins.

Voter apathy and a general lethargy in the body politic, though, might sabotage this momentous opportunity. With a citizenry disengaged from Washington and fed up with politics as usual – with America equally disconnected from both Republicans and Democrats – voter turnout in November might well be the lowest it's been in years. Instead of casting ballots, America might very well stay home.

But we should not allow ourselves to just sit back and watch in November. We should not allow ourselves to become like the spectators of a sporting event. Sure, politics is sometimes ugly and change is often hard to come by, but this election *does* matter and we *can* make a difference.

To me, this election is for Lieutenant Matthew Lynch of the United States Marine Corps: a fellow high school alumnus with a scholarship to Duke University, a fellow swim team captain who rewrote our record book, a fellow American who answered the call to serve and a hero who sacrificed everything for his country. This election is for him – so the best men of this country do not die in vain.

This election is for the forgotten and the ignored. For those

"huddled masses" on Main Street and their unending demand for decency and honor. For those fighting to bridge the disparity between the rich and the poor. For the day laborer and his constant struggle for a decent wage and workable conditions. For the union worker in Wisconsin, his rightful demand to negotiate and his constitutional right to speak.

It's for our children and their right to a livable planet. For us and for all. For the blessings of liberty to our posterity. For America. For the world.

In November, we have the opportunity to ensure that food is on the tables of those who carry the burdens of this country on their shoulders. We have the chance to reinvigorate and inspire a country on its knees.

Although many in this country clamor on about the "death of democracy" and the "rise of the corporation" – about the hegemony of Wall Street and the selfishness of big banks – we shouldn't let this pessimism get the best of us. We, as a nation, need to evolve from apathetic objects in an ever-skeptical game of politics to a group of mobilizers and actors, thinkers and lovers of democracy.

This election won't be decided by super PACs, Republican financiers or the moneyed establishment. Not by Washington, "career politicians" or back room deals. Not even by the candidates themselves.

This election, rather, will be decided by the resolve of the American people – in their fidelity to a cause greater than themselves. It'll be decided by school teachers, union workers and day laborers. By Latinos, blacks and whites. By the poor, the middle class and the rich alike. It's these men and women who will spell out the future of this country. These men and women will write history with their actions.

This election is the promise of a nation and of a people – it is the resolute principle of democracy,

that the ballot shall always prevail over the bullet. It is the principle foundation upon which freedom lies, and when our elections are forgotten, the entire equation of American democracy, of justice and freedom, is negated and crumbles.

We need to remember that America is built on the tenet that all citizens have a voice. In this country, there cannot be a tyranny of the minority or of the majority. Neither the 99 percent nor the one percent is in command. This is, rather, a group effort. We are all in this together. And by casting our votes in this election, we will send the message that the people need to be heard. We will make public our disapproval of corporations and super PACs running our elections. We will send forth our distaste for special interests and bankrollers. We will confirm the notion that the people cannot and must not be ignored.

It is *our* America that will live up to the ideals that President Obama outlined on that frigid January morning back in 2009. *Our* America will fulfill the price and the promise concomitant with our history. In *our* America, as President Obama said in 2009, there will always be the "knowledge that God calls on us to shape an uncertain destiny."

For Matt Lynch, the forgotten, the hungry and the ignored, let's get out the vote in November. And with the close of this semester, let's take some time this summer to shape history with our own hands. Whenever you have a chance, play your part in this election. Pick up the telephone, get on Twitter, knock on doors, tell your friends and organize. Join a local political group, read up on the news and hold the candidates accountable. Take a stand against apathy and indifference – against lethargy and malaise. Let your voice be the clarion call to action.

And in November, let's be the shapers of an "uncertain destiny." Let's be the movers and the shakers of this great country called America. Let's work together, as one nation at the ballot box, to choose the path for our future. Let's steer America. Let's be the captains of her fate.

Nikko Price is a freshman Political Science major from Brookville, N.Y. He is the Opinions editor for The News-Letter

As we become lazier, runner's high on the decline

By MEGAN CRANTS

Early human history necessitated a very physically active lifestyle: our ancestors hurried while hunting for food, ran to escape from predators and traveled cross-country to look for resources. "Survival of the fittest" evolution caused our bodies to adjust to high levels of exercise and reap benefits from being active. Over time, however, we seem to be getting less and less active while ignoring our evolutionarily built-up strengths and needs. Why is this?

David Raichlen of the University of Arizona theorizes that evolution generated motivation pathways in the brain that encouraged us to exercise. This motivation takes the form of the "runner's high," which inspires a lot of runners to keep pushing through the pain of laborious breath and dripping sweat. This sensation is most likely caused by endocannabinoid signaling in the brain. While naturally produced in the human body, this chemical is also an active ingredient in marijuana that causes good moods and lightened spirits. When we run, the endocannabinoid signaling activates the "reward center" in our brains, reinforcing that exercise is a good behavior to continue in the future.

Raichlen conducted a study on the role of endocannabinoids in other mammals that are physically active to examine the issue further. He and his team found that the concentration of anandamide, a type of endocannabinoid, shot up in the dogs and humans after exertion, but stayed the same in ferrets. The humans reported experiencing a rush of happiness after exercise, which corresponded to the increase in the chemical production. The team concluded that animals evolved for high levels of activity and exercise experience benefits from endocannabinoids, whereas animals that

didn't evolve in this way do not.

This led them to believe that natural selection used endocannabinoids to motivate humans to exercise and participate in endurance activities. The fact that these chemicals are released after high-intensity rather than low-intensity exercise suggests that we are meant to participate in intense aerobic activity for maximum health.

Why, then, are we ignoring this positive chemical reinforcement and opting for a more sedentary lifestyle? Raichlen suggests that the physically unfit cannot produce enough endocannabinoids to experience the pleasurable effect of the runner's high, and therefore are less motivated to exercise. They are typically just not fit enough to work out at the intensity required to initiate the runner's high. They then continue to opt for their lazy lifestyle partially because they have no chemical stimulants to push them during exercise.

Expanding upon Raichlen's suggestions, I'd argue that the endocannabinoids present in junk food are being used as a substitute for those created during exercise, leading the inactive to stay inactive. Why work out if you can get the same rush from eating sweets as you can from running sprints?

Of course, if the inactive force themselves to become active, they will eventually reach the fitness level needed for chemical stimulation and will become more motivated and healthy as a result. Replacing the pleasure from exercise with the pleasure of gluttony is not the right answer. So get out there and run.

Megan Crants is a sophomore Cognitive Science and Writing Seminars double major from Nashville, Tenn. She is the science columnist for The News-Letter.



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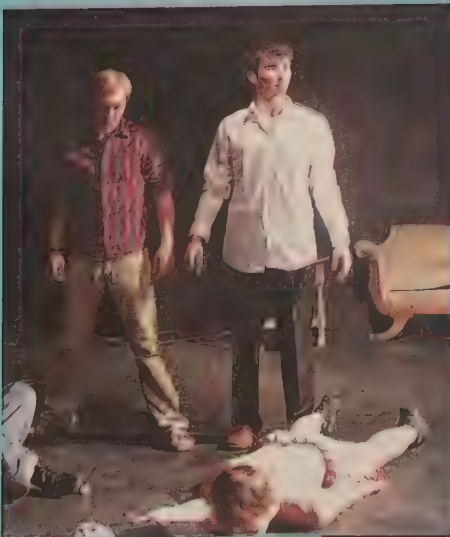
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MAY 3, 2012



WITNESS

THROAT CULTURE

Georgina Edionseri



YOUR WEEKEND MAY 3-6

B'more's eclectic eats: crabs, pie and Thai

Five out of five scientists agree: eating is delicious.

What Hopkins students don't always agree on however is where to eat.

In fact, I've heard students complaining about there not being enough cool places to eat in Baltimore.

Maybe you've explored the area a little bit — you've tried Carma's, you've done Paper Moon — but you're just looking for something more. Well, whether you've never eaten further off campus

than Subway or you're a regular food explorer, I'm here to take you on a restaurant adventure.

I've written up five Baltimore restaurants that offer something different. All of them will leave you feeling like you've experienced a different part of the city, but most importantly, all of them will leave your belly feeling full and wonderfully happy.

Waverly Crabs (3400 Greenmount Ave., (410) 243-1181): A ten-minute walk from campus, this totally awesome carry-out crab and seafood place has given me some of my happiest memories of Baltimore. For about \$20, you can get a bag of a dozen female crabs (cheaper than males, but smaller) to split with a friend or two. You'll need a hammer of some sort (I'm sure you can improvise) and some newspaper (this one will work) to eat these messy, Old-Bay-covered bites of deliciousness. If you really want the Baltimore experience, grab some Natty Boh, your best B'more tunes (I'd recommend Wye Oak) and an alley-backed

wood porch to eat on.

Thai Landing (1207 N. Charles St., (410) 727-1234): Take the JHMI shuttle to Penn Station and walk south on N. Charles for about three blocks. Okay, maybe you should just Google the address. But once you find it, this Asian gem won't disappoint. It is best known among my friends for its excellent red curry, but pretty much any dish will be sure to please.

Lauren Bryant
Guest Columnist

What I like best about Thai Landing, however,

is the atmosphere and extremely friendly waitstaff. Quiet and subdued without feeling empty, this is a restaurant for great conversations and maybe even an intimate date. If you don't know what to order, the owner will often come out and personally recommend the dishes he thinks you would like best.

Dogwood (911 West 36th Street., (410) 889-0952) Located on the main street of Hampden, I walked by this restaurant for years without noticing it. It's quiet front masks the bright, intimate atmosphere inside. This is a great date restaurant or some place to go for a special occasion. Dogwood is dedicated to serving seasonal food from local farms — some of the best and freshest food I've had in Bal-

timore. They also feature a community menu on Wednesdays and Thursdays that offers entrees under \$20. My advice would be to order as many small plates as you can and taste a little of everything. It's all amazing!

Dukem Ethiopian Restaurant (1100 Maryland Avenue (410) 385-0318): Oh man, this place is delicious! It's tiny, so I would recommend going at an off-hour or making a reservation, but even if there's a wait, it's worth it. It's about a ten minute walk from the JHMI Peabody stop. My friends and I had no idea what to order when we went, so we just asked the waitress to order for us. I can't tell you, let alone pronounce, anything we had, but I can tell you that we ate well — and cheaply too! This is definitely a delicious bang for your buck. They also offer outdoor seating, perfect for those warm Baltimore nights.

Dangerously Delicious Pies (2839 O'Donnell St. (410) 522-7437): This last

place I haven't been to myself, but it's been getting such rave reviews from people I know — both students and local Baltimoreans — that I had to include it. Take the city bus, drive here, or even walk from the inner harbor (no, you won't quite compensate for all the calories you eat) to shovel pieces of both savory and sweet into your pie hole. The menu features pies such as the best-selling Baltimore Bomb, filled with melted Berger Cookies; the Mobtown Brown, made with Swiss chocolate and caramel; and a Pork BBQ pie, filled with slow-roasted pork and homemade barbecue sauce. I can't wait to try this one out!

Reading period begins next week so while you're cramming your mind with not-so-delectable knowledge, why not cram your stomach with some oh-so-delectable B'more chow? These five restaurants just scratch the delicious surface of Baltimore's exotic eats so pull on your elastic waistband pants and get out there.



COURTESY OF EARL GREY

This famed pie joint serves-up homemade sweet and savory pies (don't mind the calories).



COURTESY OF MARYLAND FILM FESTIVAL

Many from the film industry, including John Waters, will be at the festival.

Maryland Film Festival to screen diverse films

By **NATHAN MCDONALD**
Your Weekend Editor

If you're more familiar with words like "chiaroscuro" and "vorkapich montage" than ones like "Canadian egg roll" and "power play," then ditch the lacrosse game this weekend and check out the 14th annual Maryland Film Festival.

Well, you don't actually need to skip the lacrosse game because the festival runs all weekend from May 3 to May 6. And even if you don't appreciate esoteric film lingo, there's sure to be something you will appreciate in the 50 feature films and 75 short films that will be screened at the nearby Charles theatre (1711 North Charles Street).

The festival will feature narratives, documentaries, animation and experimental and hybrid films. I can't tell you exactly what the last two mean, but based

on the celebrity filmmakers who have previously attended, Kathryn Bigelow ("The Hurt Locker"), Jonathan Demme ("The Silence of the Lambs") and David Simon ("The Wire"), everything is sure to tickle even the most discerning visual fancies.

Local legend John Waters, will also be making an appearance to host a screening of one of his favorite films, "Wanda". Other highlights include a 3-D screening of the 1953, black-and-white musical, "Those Redheads from Seattle".

Tickets only cost \$10 per screening so hop on the JHMI this weekend, escape the drunken debauchery of homecoming alumni trying to relive their glory days and expand your hipster, film-noir vocabulary.

For schedules, film synopses and tickets go to www.md-filmfest.com.

Calendar of Baltimore Events

Thurs. May 3

Avengers Movie Marathon
12 p.m.
Cinemark Theatre

If you're a Marvel Comics movie fan, you can't miss this. For just \$20 you can see all six of the Marvel movies on the big screen and back-to-back. The order is as follows: Iron Man, The Hulk, Iron Man 2, Thor, Captain America, and The Avengers. Get your popcorn ready.



ALLMOVIEPHOTO.COM

WTMD's First Thursdays
5:30 p.m.
Mount Vernon Park

Take a quick ride on the JHMI to the Mount Vernon stop this Thursday for a free outdoor concert sponsored by Towson University's radio station WTMD. This week's show will feature Joe Louis Walker, Diego Garcia, and The Happen-ins. Food and drink will be available. All you need to do is bring a lawn chair or blanket and an ear for good music. The concerts will be running throughout the summer, every first Thursday.

Mary Poppins
7:30 p.m.
Hippodrome Theatre

The off-Broadway show will be in Baltimore this week showing daily until Sunday. Tickets start at \$25. Now that's cheap enough to not necessitate a spoonful of sugar to go down.

Fri. May 4

Hopkins a World Inside a City II
7 p.m.

JHMI Campus
Turner auditorium

Presented in partnership with the office of cultural fairs, Hopkins Hospital doctors, nurses, and storytellers will be sharing short personal tales about what it means to work at the nation's number one hospital.



JHUEDU

Battle of the A Cappella Groups
8:30 p.m.
Shriver Hall

See all your favorite JHU a cappella vocally battle it out for a shot at \$250. Featured groups will include the All-Nighters and Octopodes.

Flower Mart Inside a City II
11 a.m.-8 p.m.
Mount Vernon Park

This annual festival runs only this Friday and Saturday and has been known as Baltimore's "rite of spring." Over 130 vendors will be selling flowers, gardening accessories, and a variety of spring crafts. It will also feature performance from Peabody musicians.

Sat. May 5

Fiesta 5K
8 a.m.
Power Plant Live!

This short run goes through the inner harbor and benefits the Robert Packard Center for ALS Research at Johns Hopkins. Registration opens at 6:30 a.m.



CHARMCITYRUN.COM

Sun. May 6

Baltimore: A City of Firsts
2 p.m.
Baltimore Museum of Industry

Considering the recent weather it's no surprise that Baltimore was the location of the first umbrella factory. Stop by this inner harbor museum for more B'more firsts as told by historian Wayne R. Schaumberg.

Special Event

Hopkins Studio Show
Friday, May 11
3 p.m.

A showcase of the best student artwork from 2011-2012. Three graduating seniors will be receiving artistic achievement awards and a restored Eugene Leake landscape will be unveiled. The piece originally hung in AMR I but disappeared for 25 years before being discovered last year in a custodial closet.



KINETICBALTIMORE.COM

Kinetic Sculpture Race
10 a.m.
American Visionary Art Museum

Ever seen a sculpture fly? This competition will showcase human-powered sculptures designed to travel over land, mud, and Baltimore harbor water. Prizes go to the most mediocre and second-to-last. More serious prizes go to the vehicular contraptions that best represent artistic design and engineering prowess.

Men's Lacrosse versus Army
2 p.m.
Homewood Field

It's homecoming at Homewood. Come watch the Jays take on the Black Knights of West Point.

ARTS & ENTERTAINMENT

Bands play at Sweetlife for enthusiastic crowds

By CHRISTINA WARNER
Staff Writer

On Saturday, music fans from across the East Coast gathered at Merriweather Post Pavilion for the annual Sweetlife Festival. Only in its second year of existence, Sweetlife brings up-and-coming (or currently popular) bands and hip-hop artists to MD for a day of music. Unlike other musical festivals Sweetlife is known for its green and sustainable platform. The festival features eco-conscious, sustainable and local vendors as well as a variety of educational efforts. The day is long and in recent years hasn't had the best weather, but concert goers still leave satisfied with good food and even better music. Sweetlife has two stages. The Treehouse Stage, located amidst the Food Forest, featured smaller names like U.S. Royalty and Zola Jesus. With its prime location, though, there was always a crowd surrounding this small stage. Even DJ sets like

Ben Browning of Cut Copy fame and Bluebrain garnered similar levels of enthusiasm. Twin Shadow and Delta Spirit performed well-received sets on the smaller stage as well. However, most people were there for the main acts, and as the day progressed the lawn became more crowded and more littered (which I guess is inevitable at a festival, but still disappointing at a sustainable one). The day began with fun, a band which has enjoyed recent success. The crowd was sparse at 12:30 (it was admittedly early for the Friday night drinking crowd), but there was clearly a contingency of fun devotees. The other part of the crowd seemed to be high-schoolers who had heard the cover of "We Are Young" on *Glee*. Nonetheless, fun. was enthusiastic and proved that they may have a career ahead of them yet. I was also repeatedly impressed by the instrument switch-up many of

SEE SWEETLIFE, PAGE B5

Egyptian Sun shines on Shriver Hall

By LINDSAY KIERNAN
Staff Writer

There was a bustle rarely found on campus as the crowd walked into Shriver Hall for the Egyptian Sun Hipocalypse belly dance show this Saturday. There were children running around wearing coined hip scarves, parents taking out cameras, and excited spouses getting ready to see their loved ones dance. Throughout the show, a bazaar of sorts was set up, offering jewelry, hip scarves, henna tattoos. A portion of the proceeds from the performance as well as individual audience contributions were donated to the Kennedy Krieger Institute. According to the Institute's web site, their aim is to help "children and adolescents with disorders of the brain, spinal cord and musculoskeletal system achieve their potential" and participate as fully and safely as possible. Egyptian Sun is a unique group at Hopkins, as participation is encouraged from the Baltimore community. Ouranitsa, who teaches and choreographs beginner and intermediate belly dancers, describes Egyptian Sun as "unique in that we are based at Johns Hopkins but do not restrict participation in the troupe to only Johns Hopkins students. In the past the troupe has included students ages 11 to 50 plus, women and men of different sizes, colors, walks of life, etc." The dancers have been rehearsing and learning the dances since late January and early February. The dancers meet once a week for a one to two hour period, but as all performers know, the closer it gets to the show, the longer and more frequent the practices get. The show was well worth all the practice; it was interactive from the



COURTESY OF EGYPTIANSUN.NET

Egyptian Sun invites audience members onto the stage to perform and teaches them how to belly dance.



COURTESY OF WWW.STATEINTHEREAL.COM
fun., who has enjoyed recent success, performed favorites at Sweetlife.

ning male belly dancer. His precision was notable; his stomach moved with the beat of the music and was something that many in the audience had never seen before. He was extremely friendly and interactive with the audience, winking and smiling and being altogether modest of his talent. The unique choreography and talent of all the performers... made the Hipocalypse such a fun show to watch. The whole show had a very comfortable, homey feel, because the dancers' families were in attendance. During intermission, the dancers were allowed to come out to say "hi" to their families and friends, and at the end of the show there was

a reception with dessert, drinks and Middle Eastern snacks. Flowers were given, hugs received and hard work was rewarded. It was a fun show to watch, and the first belly dance show that many in the audience had ever seen. It was definitely one to remember to go see next year.

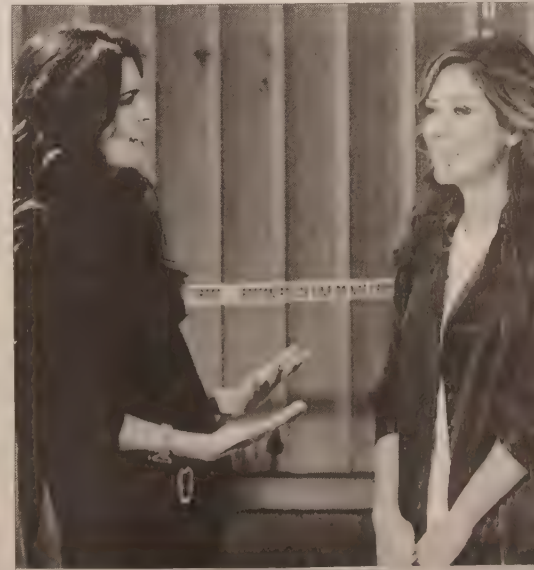
A how-to guide for surviving finales and hiatuses

Since it's my last article for F(l)o Show for the semester, I thought it would be fitting to close with the very appropriate topic of finales. Specifically TV show finales, of course. Although a couple of shows have already aired their finale for the 2011-2012 season, most finales come out this month. This leaves TV viewers in a perpetual state of anxiety spanning the entire month of May, wondering what sort of heart-wrenching torture their character will be put through in the final moments of the episode of their respective favorite shows. The past couple years, I've noticed an increasing trend towards cliffhangers during seasons finales. Just think. Season three of *Castle* ended with Beckett having been shot in the chest and her eyes slipping closed, season one of *Rizzoli and Isles* ended with Rizzoli shooting herself in order to get out of a hostage situation and season six of *Bones* ended with Bones telling Booth she was pregnant with his child. "But Flo," you may protest, "of course they all end on cliffies. They're all cop shows, full of drama and guns and blood."

For those skeptics out there, check out the finale of a comedy. Say...season six of *How I Met Your Mother*, where we are shown a wedding scene and then find out that the groom is Barney, who is the last person we'd expect to settle down. Fans have been speculating throughout all of season seven about who the bride will be, and the writers have been teasing us with several different possibilities. Face it. Show-runners have figured out the delicate art of giving several million fans simultaneous heart attacks by staging something dramatic or unexpected and then saying, "Haha, see you next September!" Those sadists are probably smirking in back rooms with maniacal laughter when they're discussing these plans. And now, that season is upon us once more. How the hell am I supposed to focus on my finals when such drama and suspense is happening one click away on Hulu? If anyone has any advice short of telling my suite-mate to lock my laptop away, I'd love to hear it. But that leads to my

next bit of advice: how to survive the summer hiatus. I remember that I thought that I wouldn't be able to get through the four months between the *Castle* season finale last year and the beginning of season four. So how is it that I'm here, writing this article right now? The truth? Fanfiction. I read so much post-finale fanfiction, especially in the days right after the finale came out on TV. It's always fun to see what people imagine may happen when the new season starts, or to see imagined alternate scenarios.

Watching summer shows (like *Rizzoli and Isles*) also helped, giving me a new fandom to focus on for a couple months and getting me invested in *Rizzoli and Isles*'s not-romance. Or you don't even have to watch summer shows, per se. I finally took the time to completely get caught up on *HIMYM*, and seeing that there were six seasons, it was quite a project. So check out a new show. Pick up a book. Start a knitting project. It looks bad from this end, but before you know it, it'll be September and time for a new season.



COURTESY OF DVDSETCHEAP.COM

Check out summer shows like *Rizzoli & Isles* to beat post-finale blues.

This single of the week, "Doom," is brought to you by Brooklyn-based band New Beard. "Doom" is off their new album, *New Beard City*. New Beard is comprised of frontman Ben Wigler, drummer Tony Waldman, tubist Tuba Joe Exley (no, I'm not kidding) and one named Yazan, the guitarist.

New Beard has also recently added a new member (and instrument!) to the mix: Maria Christina Eisen, on saxophone. It seems as though New Beard is set on defying any definitive genre type. With influences from bands ranging from Elliot Smith to Megadeath and genres from folk to progressive rock, it is clear that New Beard is anything but typical. Their producer, Gustav Ejstes of Dungen, adds synthesizer to their music and puts the final, eclectic touch on the album. Frontman Wigler also has considerable experience to add to the group from his days with his previous

band, Arizona. New Beard's fame has been picking up in the past few months — in November, their song "Given" was named "Song of the Day" by KUT Austin. Listeners that like "Doom" would also enjoy "Given." Since then, their fan base has grown considerably. Right from the start, "Doom" has a beat that keeps audiences on their toes with a quick-synth guitar and strings, rhythm and clapping. Once Wigler begins, the track picks up even more, pausing only for one-second vocal solos. He harmonizes well with the music, and the lyrics themselves are clever, such as when Wigler sings, "You won't stand still, so why should the world?" in the chorus. This line is particularly appropriate, considering audiences are sure to have a hard time standing still when listening to "Doom" and the rest of *New Beard City*.

— Rachel Schnalzer

Hot Singles on the Internet:
New Beard's
"Doom"



NEWBEARDCITY.COM

"Doom" is inspired by many sources.

ARTS & ENTERTAINMENT

Members of Witness and Throat Culture speak about experiences

By RACHEL WITKIN
Editor-in-Chief

Witness Theater, Hopkins's student-run theater group, culminated its year with a Spring Showcase last Friday, Apr. 27 and Saturday, Apr. 28. The showcase featured five student plays and a Throat Culture Sketch Comedy Show. These included junior Jeremy Roth's "ppl are jump roping," senior Kelsey Miller's "Bed Play" and "Hey Arnold," sophomore Alessandra Bautze's "The Girl's Room" and sophomore Matt Pulaski's "High Functioning Autism from Morality, not Genetics." *The News-Letter* asked Miller and Roth as well as Throat Culture members sophomore Ben Cohen and freshman Rebecca Levine to discuss their experiences in Witness and Throat Culture this year.

The News-Letter (N-L): What has been your best memory in Witness/Throat Culture this year?

Ben Cohen (BC): This is probably a very director-y answer, but I would say my best memory would be the rehearsals we did for the JCPenny/Campfire sketch that was done for this show. The sketch started off very bare bones, like a short minute-long thing with a single one-note joke, basically, but once it was run on stage everyone acting in it and the directors started suggesting ideas and lines to add to the sketch until it became a fully fleshed out thing... For me it felt like something borne out of a group dynamic as opposed to a single writer's mind, and I think its nice when the camaraderie of a group can have a positive effect on the material it produces.

Rebecca Levine (RL): My best memory was having the first sketch I had written performed and hearing the audience laugh.

Kelsey Miller (KM): My best memory of Witness is probably just the time spent working on these shows with my friends. They're all so talented, and I'm always so proud of the work they do.

Oliver Roth (OR): Witness is a great organization because of the collaboration that is involved in each and every show we put up. Everything we do is generated by undergraduate students. From the writing, to the directing, acting, and technical design, students do it all—without the help of any professionals. It is a place for people interested in all aspects of theater to come together and work on a project that has never been performed before.

N-L: What was your favorite sketch you've ever done?

BC: Either the Abraham Lincoln Talk Show sketch from the last full show we had, or the Village Idiot Election sketch from the last 24-hour show we did. Both were written by member Eric Levitz who is graduating this year.

RL: My favorite sketch was one in which I played a crazy ex-girlfriend version of Aphrodite because it was interesting that the main character of that sketch was both female and the funny man (woman?). Often girls are stuck playing the understanding wife, the mom or any other straight character, whereas in this one I got to explore my potential as the crazy one on stage.

KM: I've done a number of plays for Witness and I don't know if I've ever been really satisfied with them as plays. Nothing to do with the acting, which has only been redeeming. I just think of my work maybe as poetry that I sneaked onto the stage. I don't know anything about drama because I've got almost no idea about psychologies other

than my own. Also, I avoid most real-life interactions. Probably my best play was a barely intelligible monologue by a young woman on an empty train, in the midst of a Polish winter. That's a situation I can understand. It comes pretty close to describing my existential condition.

OR: [I] really enjoyed directing "High-Functioning Autism due to Morality, not Genetics" in this last showcase. The piece was written by Sophomore Matt Pulaski and starred himself and freshman Pam Hugi. The dialogue in the piece is very edgy and quick, and involves these two characters who try so hard to communicate but cannot seem to get through to one another.

N-L: What was your favorite moment from this show?

BC: Probably when we showed the "Scotty's Triumph" video sketch. Jake Appet and I came up with the idea for the show, wrote



GEORGINA EDIONSERI/PHOTOGRAPHY STAFF

Witness Theatre teamed up with Throat Culture to come up with a show designed to make audience laugh.

the sketch, and shot it two days before the show. Jake edited it the day before and the day of the show, so the fact that it actually went up and got a seemingly good response was gratifying.

RL: This show, my favorite moment was throwing Ben Ketter into a fire and watching him burn.

KM: I thought Fri-

day's show got a surprising number of laughs. I hadn't realized my plays were all that funny to other people. My favorite moment from the show was actually before the show when everyone was goofing around and not getting ready on time. If you're not involved with student theater you're re-

ally missing out on some great goofing off.

OR: I loved working on tech for "The Girls' Room," [It's] a play where all of the theater's lights were turned off and we used a fog machine to fill the space with haze. The actresses were back-lit by a flashlight which interacted well with the fog.

Pop culture could supply graduation speakers

Hey, I'm Devin. I'm the new Arts & Entertainment Editor for *The News-Letter*, and I'm pretty darn excited about that.

I'm a pretty excitable person, especially if country or indie music, Ryan Gosling or ice cream is somehow involved. When I'm not writing for *The News-Letter*, I can be found pretending to be artsy in Chocolatea, drinking inordinate amounts of coffee and painstakingly writing the biography for my future Chocolate Frog

trading card.

If you haven't thought about what you would want your Chocolate Frog trading card to say, then I'm assuming you must go to Loyola or Towson, in which case you should promptly leave Maxie's or WaWa and bring this fine work of journalism back to your own university's

Devin Alessio Honest to Blog

drinking establishment.

Disgruntled digression

aside, I've been spending the last few weeks thinking about how, two weeks away from completing my sophomore year, I'm almost halfway done with

my Hopkins career.

While I can't help but wonder how I'm suddenly old enough to lease an apartment, cook my own food and corrupt future Blue Jays to my liking, I'm sad that some of my closest friends are about to graduate.

Since I hope to attend commencement to support them as they transition to the next phase of their lives, I couldn't help but pay particular attention to the announcement about who the commencement speaker is to be this year.

While graduation itself is always memorable, commencement speeches may not be.

Hopkins tends to set the precedent for graduation speakers: Journalist Fareed Zakaria, who addressed last year's graduates, is speaking at Harvard and Duke this year, and Hopkins alum Mayor Mike Bloomberg gave the commencement speech two years ago, and spoke at George Washington University the following year.

Yet I was surprised when Hopkins announced that alum Sam Palmisano, Chairman of the Board at IBM, would address the class of 2012.

While I'm excited for Mr. Palmisano to impart some of his knowledge upon this year's graduates, I know that I personally would find any of the following figures from pop culture just as insightful.

Ron Daniels, if you're reading this, please take notes for the class of 2014.

Bill Nye the Science Guy: He gave the commencement speech back in 2008 and I think by the time I graduate it will have been far enough in the past to have him return. Only videos of William S. Nye would make me excited enough to actually pay attention in middle school science class (I was always a Writing Sems major at heart), and I think that my friends in Whiting would get a kick out of his appearance as well.

I also wish that he would conclude his speech by saying "Thank you for joining me on 'Considering the Following.'"

Overall, this album has a bit of everything — some pop for those who like more energetic songs, some quirky lyrics for those who pay attention to what the artist is saying and some peaceful music for those who prefer easy listening.

Although not everyone might like every piece on the album, everyone should find at least one favorite.

- Florence Lau

NEW VIBRATIONS

ARTIST
Rufus Wainwright
ALBUM
Out of the Game
LABEL
Decca/Polydor
RELEASED
May 1, 2012

Rufus Wainwright, a Canadian-American singer-songwriter best known for his single "Hallelujah," is back with a new album.

Out of the Game is his seventh album, and perhaps his most "pop-like" work, along with hints of old rock artists like Queen and Elton John. Wainwright himself describes his newest album as his most "dancible" yet, probably because of the steady rhythms and pulsing beats in most of the songs.

He starts off with "Out of the Game," a catchy song with an upbeat rhythm and tune throughout, in which he complains about how he's "been out [of the game] for a long time now" and how he is "lookin' for something/Can't be found on the main drain, no."

After these somewhat bitter lyrics, Wainwright follows it up with "Jericho," another song with heavy pop influences and unhappy lyrics, in which

he laments about how he is "a fool to think something so impossible/You ain't ever gonna change."

Next is "Rashida," underscored with constantly changing piano chords and a tenor saxophone as well as a heavy bass.

It is missing the drums that were so prominent in the first two pieces, but Wainwright makes up for it with his voice swirling through the piece and mixing smoothly with the gliding sax.

Not all of his songs are catchy and upbeat, though. Pieces like the first few songs are strongly contrasted with tracks like "Monotauk," in which the piece is highlighted by a continuously flowing set of arpeggios.

What sounds like soft hand drums and the occasional quiet cymbal crash is so subtle that it can barely be heard without really focusing hard.

All of this emphasizes the odd lyrics and asymmetrical lines, with different lines of the song being drastically different lengths from each other.

This seems to be a personal song to his daughter, saying how "one day you will come to Monotauk and see your dad play the piano and see your other dad wearing glasses" and

hoping that she will "want to stay for a while."

Such intimate lyrics are an extremely important part of any artist who wants to leave the listener with a sense of who he or she is as a person, what views they espouse and what experiences have changed them as a songwriter as well as a person.

There's also the dreamy ballad-esque "Barbara," a song about Barbara Charone, who is a leading PR in the United Kingdom. The background to this piece

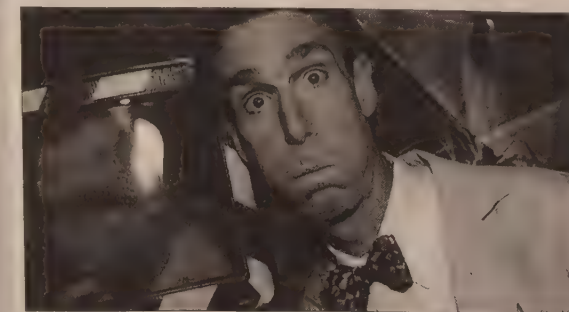
makes the listener feel like he or she has fallen into some sort of acid trip, kind of like the experience one has when watching

the video of the Beatles' "Yellow Submarine."

Later in the album, there's the single "Perfect Man," where once again with the catchy rhythms and long lines of lyrics, Wainwright keeps going on and on seemingly without taking a breath.

There's just something about how he dryly sings, "thinking over it over it how can I get over it," that's inherently satisfying. He sings it so calmly, but the repeating words lead to a sense of tension.

Perhaps part of the satisfaction comes from the chromatic ascending and descending scales he uses



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Bill Nye the Science Guy is an example of a great graduation speaker.

ARTS & ENTERTAINMENT

Important life lessons for Jessica Simpson's new baby

Everyday shows are important for laughter

By DEVIN ALESSIO
Arts & Entertainment Editor

On Tuesday, actress/singer/fashion designer/tuna expert Jessica Simpson gave birth to a nine-pound, 13-ounce baby girl named Maxwell Drew Johnson. "Maxwell" is Simpson's fiancé/baby daddy Eric Johnson's middle name and his grandmother's maiden name, while "Drew" is Simpson's mother's maiden name.

Simpson became a household name when she married 98 Degrees singer Nick Lachey. The couple starred in *The Newlyweds: Nick and Jessica*, an MTV reality show that essentially showed America that Jessica was an annoying dumb blonde (and the entire country understood when the couple divorced in 2005).

Since her divorce, J.Simps has been pretty unlucky: when dating Dallas Cowboys quarterback Tony Romo, fans called his poor performance when she attended games the "Jessica Jinx," some even going so far as to call her "Yoko Romo." Two films she starred in — *Blonde Ambition* and *Employee of the Month* — flopped, and she botched the lyrics to a Dolly Parton song while honoring her at the Kennedy Center Awards in 2006.

Lately, however, luck seems to be heading Simpson's way again, as she's experienced success recording country music, designing clothing and shoes and as the star of VH1's *The Price of Beauty*, a documentary show in which Simpson travelled the world

and taught viewers about different cultural perspectives of beauty. She's announced her engagement to free agent tight-end Eric Johnson, who is now her baby daddy. While I'm sure Jessica is smarter than she seems on television, here are some basic life lessons I feel that her child should have access to, just in case her mother forgets:

1. Buffalo wings are not made of buffalo. Simpson famously made this claim on *The Newlyweds*, and I still don't understand why Buffalo Wild Wings hasn't utilized this film footage in its advertising campaign.

2. Likewise, Chicken of the Sea is not chicken. The can lies. No poultry products are found inside.

3. Don't place bets at any sporting events your mother will be attending.

4. If you're going to be singing at a public awards ceremony, make sure you practice the words. Actually, let's generalize this to any sort of public domain. In case you wonder why, ask Aunt Ashlee to show you the videotape of that time she was on SNL.

5. Don't announce you've remained a virgin until your wedding day. Besides a few select Christians, no one in the world really wants to know.

6. Don't listen to John Mayer music in the house. Or rather, any musical artist who calls any woman "sexual napalm" or compares her to "crack cocaine."

7. Be nice to your siblings. They could write an entire album about how rough it is growing up with you.

When I started writing this column in the beginning of the year, it was a simple procedure: I wanted to write about stuff I liked, not necessarily what was being covered. When I was talking to my editors, the idea of Low Culture was really appealing. I like network TV and popcorn movies. I like superhero comic books and shoot 'em up video games. And, at first, I was pretty convinced the active word was the "TV" or the "movie" aspects, when really I was talking about the "network" or "popcorn" aspects.

Artsy films? Oscar-winning stuff? HBO or AMC dramas? Even indie video games, music or comics? That's not what Low Culture is about. Low Culture is about the everyday stuff, and finding the magic in it. Watching *Family Guy* or *Community* not for the cinematography, but to laugh. And, yes, those jokes are meaningful. They make us take a hard look at ourselves and our society, but that's not the purpose. The purpose is to make us laugh. To make us happy.

And that's why I write Low Culture.

When you're at Hopkins and every writing professor teaches you Hemingway or Faulkner, every novel you read is either an 18th century masterpiece or post-modernist manifesto - sometimes we forget that our reality television and blockbuster movies are just as important. And I'm here to remind you. Watch bad TV. Read trashy novels. Listen to crappy pop music because



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If you watch shows like *Jersey Shore*, don't be ashamed, because you grow from everything you watch.

it makes you dance or you love to sing along. It's OK. Really, I promise. In fact, I guarantee it.

And the last thing you need to feel is shameful. Listen, I do it just as much as anyone else, but at the end of the day, I don't watch or read or play or whatever for someone else. I do it for myself.

So, who cares that you love *Jersey Shore*? If your friends want to be judgmental about it, let them. Everyone is judgmental, especially about opinion-

based stuff like what kind of entertainment we prefer. And, yeah, part of me wants to say, "hey, don't judge people." But, honestly, I couldn't care less.

I judge people sometimes, too, and that's just as okay.

When you consume entertainment, you grow.

We feed on it. And even if we feed on it in imperceptible ways, we feed on it. Everything you watch. There are professors at Hopkins that might say otherwise, hell, there are

probably students who'd say it, too, but let me tell you, they're wrong. There's something in every work of entertainment that's worthwhile, it's just up to you to find it.

And, hey, if you found my column entertaining, then my job here is done. Being a senior, I'm going to ship out next year, so to any loyal readers that want to take things from here? I hereby give you my blessing. Just remember what Low Culture has always been about: learning from the stuff no one wants you to learn from.

Thanks for a great year. Peace out.

Buddy Sola Low Culture

Sweetlife inspires music lovers

SWEETLIFE, FROM B3
their members could do — props for being able to play four instruments in one set.

A\$AP Rocky was probably the most disappointing of the day, causing me to wonder why he wasn't over on the Treehouse Stage.

The mosh pit was still enthusiastic, but then again they were ready to party at noon when the gates opened to the pit. His set was punctuated by disconcerting gunshot sounds and I found myself wandering to the Treehouse Stage instead of catching the entirety of his set.

Fitz and the Tantrums revived the crowd with a fashionable and soul-infused performance.

In a festival that is largely devoted to music of "this generation" (the crowd was very, very young), this group gave an appreciative nod to the 60s. If I were giving out awards for the day, Fitz and the Tantrums would most certainly win the "Haven't Heard of Them Before but Now Want their Album" award.

Seriously, look them up. Explosions in the Sky, a previous Sweetlife performer, kept the day on its upward trajectory.

The rock band gave an enthusiastic set that revved up the crowds for the three biggest headliners.

At this point, the rain had started but spots weren't opening up on the lawn. The crowd was sticking it out.

The Shins hit the stage next, probably the band I was most familiar with due to days of listening to "Young Pilgrim" on repeat in high school.

They played their biggest hits, "Caring is Creepy" and "New Slang" (you know them from Garden State), and a mix of new tracks from Port of Morrow. The younger part of the crowd was a little less enthusiastic but, hey, that's what you get when there's a five-year hiatus between album releases.

Their set reminded me of the two sides of the musical festival coin. One side

is where you get to go to one place and hear a ton of bands in a short amount of time.

And then, there's the part where you see one of your Favorite Bands of All Time but they don't perform your favorite nostalgic jam because, well, it's a music festival.

But I like to overlook that aspect of festival going, because then there are the bands who come on and convert non-fans and "I like the hits" fans into the people who will go to their next concerts. And inspiring this love of music is what it's all about.

Kid Cudi did just that. I would even go so far as to say his performance was the highlight of the day.

Cudi took the stage and blew through his albums, performing hits like "Man on the Moon," "Soundtrack to my Life" and (obviously) "Pursuit of Happiness."

His energy was clear in the three back-to-back songs he played ("No p***ys here!" he yelled).

Kid Cudi might have been on repeat a few years ago when Man on the Moon II dropped, but for all Sweetlife goes, his records will be getting some more spin time (or whatever you kids call it these days).

The sun had set, the

glowsticks were lit, and Cudi had gotten the crowd on its feet.

Around 9:30, Avicii, a 22-year old DJ, took the stage. He played for almost two hours, mixing popular songs with heavy beats. Among the best was the Red Hot Chili Peppers' "Otherside." When he played "Levels" (the crowd had been anticipating it all night), he mixed it with Gotye's "Somebody That I Used to Know." And it was awesome.

The set was long and it started raining again by the middle of it.

When Avicii left the stage, the crowd stayed on its feet, anticipating (and hoping) that there might be an encore. There wasn't. But there had been nearly 12 hours of music on that stage.

Sweetlife is new but it already has an identity.

Founded to promote sustainability in the DC-Metro area, the festival has already snagged big enough names to sell out the Merriweather Post Pavilion.

The day shifted between hip-hop and indie rock before launching into a sort of rave in the rain.

But the glowsticks still shone and Avicii still played and it didn't matter at all.



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Crowds gathered to cheer on the different bands performing at Sweetlife.

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CARTOONS, ETC.

Blue Jay Brigade

By Kevin Stoll Li

DEAR READERS,

I'VE BEEN DRAWING FOR THE CARTOONS SECTION SINCE FRESHMAN YEAR AND HAVE SERVED AS ITS EDITOR FOR HALF MY TIME AT HOPKINS. I'VE ENJOYED DRAWING FOR THE HOPKINS COMMUNITY.

I STARTED DRAWING AS A WAY TO TAKE A BREAK FROM MY STUDIES, BUT I ALSO HOPE I MADE YOU ALL LAUGH AS WELL DURING YOUR STRESSFUL TIMES AT HOPKINS.

I WANT TO THANK EVERYONE FOR PUTTING UP WITH MY LAME CARTOONS EVERY WEEK.

THANK YOU VERY MUCH, IT HAS BEEN FUN!

Kevin Stoll Li

ALEX M. A.K.A. KEVIN STOLL LI
CARTOONS EDITOR 2010-2012



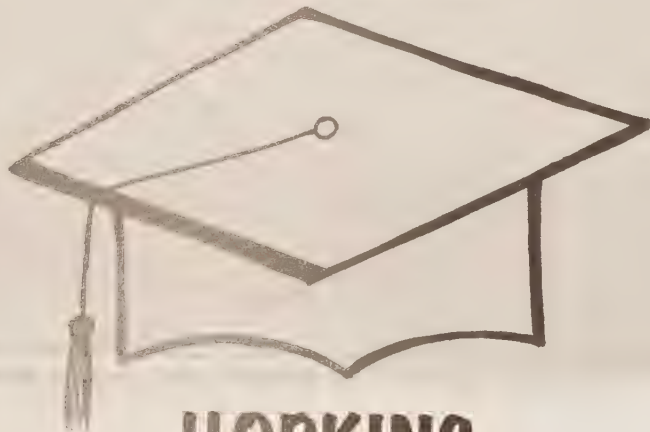
Congrats 2012!

By Katie Mann

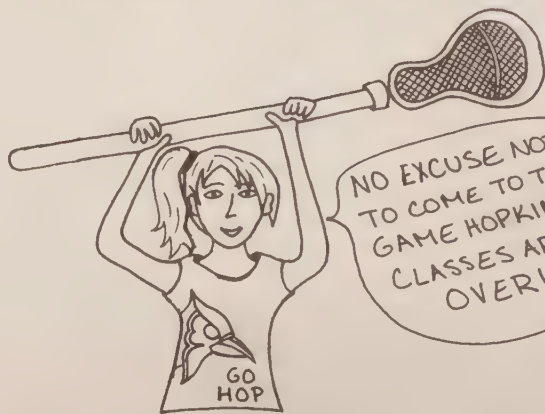
Come Watch Lacrosse!

By Katie Mann

CONGRATS SENIORS!!!

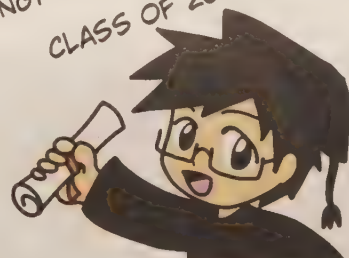


HOPKINS
2012



HOMEcoming 2012

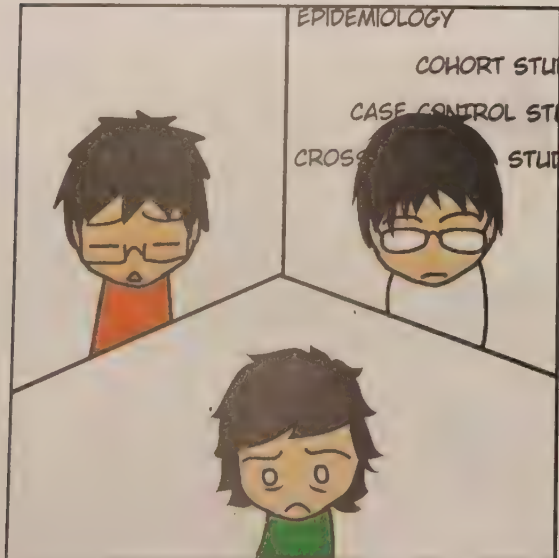
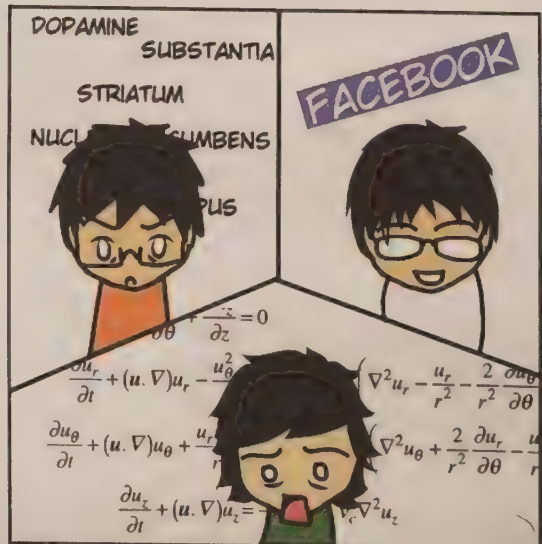
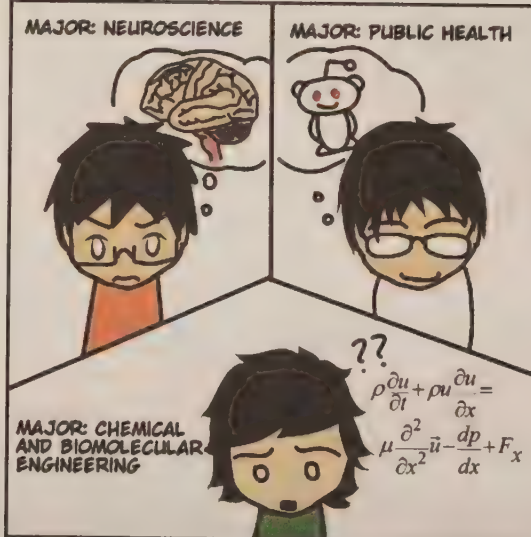
CONGRATS TO THE
CLASS OF 2012!



From A. Kwan

Studying for Finals

By A. Kwan



Takoyaki wishes you luck on your finals!



If you eat octopus then you will fail!



SCIENCE & TECHNOLOGY **Hopkins Edition*

Helicopter transport ups patient survival

By CATIE PAUL
Staff Writer

According to researchers from the Johns Hopkins School of Medicine, injuries sustained in trauma remain the leading cause of death or disability among young people worldwide. In fact, more than 50 million people per year are injured in the United States and approximately 169,000 of them die from trauma.

Looking for a way to reduce these numbers, a Hopkins research team has looked at transport by helicopter versus ambulance for trauma patients. "There has never been any real, randomized control trial to determine which is better," Adil Haider, senior author of the study and Associate Professor of Surgery, Anesthesiology and Critical Care Medicine said.

He and his colleagues found that patients who are transported by helicopter are 16 percent more likely to survive.

Although the study did not look at the specific causes of why helicopter transport can be more effective, the researchers hypothesized that patients utilizing this transport method reach the hospital more quickly, and that helicopters tend to have more experienced emergency medical teams than ambulances do, possibly providing a better quality of care.

The study looked at 223,475 patients older than 15 who had sustained blunt or penetrating trauma between the years 2007 and 2009 who needed to be transported to Level I or II trauma centers. A Level I trauma center is highest ranked and in general provides the best level of care. A Level II trauma center has the second-highest ranking and also provides comprehensive care.

The researchers obtained patients' records from the American College of Surgeons National Trauma Data Bank. They

SEE HELICOPTER, PAGE B8



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The high cost of helicopters forces doctors to choose patients for transport.

Parents ignorant of causes of childhood obesity

By ANNE MCGOVERN
Staff Writer

Recently, a study conducted by the Hopkins Children's Center and the All Children's Hospital in Florida found that parents misunderstand the risk factors involved with the onset of early-childhood obesity. The study showed that though parents appreciate the importance of good nutrition and dieting, they greatly underestimate the value of physical activity.

"Talking to parents about their child's weight is a very sensitive issue," Raquel Hernandez, Assistant Professor in the Hopkins Division of General Pediatrics and Adolescent Medicine, said.

"A lot of times providers will identify a child as obese, but are afraid to open up such a touchy subject," Hernandez set out to identify what parents understand about obesity in young children, in the hopes of later developing methods for pediatricians to fill in perception gaps and discuss what really needs to be done.

In the study, parents of both overweight and healthy-weight children aged two to five ranked a set of statements, from most to least important, about behaviors and risk factors involved in maintaining a healthy weight for their children. The results showed no difference in perception between parents of both weight groups: they both valued diet control and nutrition, while greatly underestimating the importance of physical activity.

"When you see a two or three year old, they're usually pretty active: bouncing off the walls, asking too many questions...and most people would consider this age-group very active. But there's a difference between being aerobically active and socially active. Parents tend to overestimate how active their preschooler really is," Hernandez said. "Sure, they can be active from a developmental standpoint, but it's not on the same level that we as physicians and scientists think is enough to be healthy."

Early-childhood obesity is a problem that has not been studied extensively. Usually, treatment and methods for getting parents involved are aimed at children who are slightly older. "I want to move [this issue] forward and try to figure out what is it that a pediatrician should be doing to talk to parents more effectively," Hernandez said. She plans to use the results of her study along with her experience as a pediatrician to delve deeper into this field and develop new treatment methods.

Currently, Hernandez is working on a new fitness and diet program for preschoolers in Florida. "The idea is to provide appropriate physical activities for young children. At this point, most methods are aimed at older kids," Hernandez said.

"We're working with development experts to figure out what kinds of activities will

Public Health Conference inspires awareness

By ELLE PFEFFER
Staff Writer

Walking by Levering Hall on Friday, April 27, you might have been infected with the desire to stop at the 3rd Annual Undergraduate Conference in Public Health: Making Public Health Contagious. Held throughout the day, the conference brought together student, alumni and professional voices to shed light on the newest innovations in public health at Hopkins and beyond.

Dr. Joshua Sharfstein, currently the Secretary of the Maryland Department of Health and Mental Hygiene, kicked off the day as the keynote speaker. Dr. Sharfstein has also previously served under President Obama as the Principal Deputy Commissioner of the U.S. Food and Drug Administration.

The conference, co-sponsored by the Public Health Student Forum and the Undergraduate Program in Public Health Studies, continued with oral presentation sessions.

Lunch was accompanied by a poster session where Hopkins students had the opportunity to share their research in an informal setting. Poster titles and research topics ranged from "Insights on How Patient Perceptions of Ambulance Systems Affect Ambulance Usage in Karachi, Pakistan" to "Analyzing the Distribution of Social Determinants of Health in Urban Clinics Throughout Baltimore City."

The latter title accompanied a study conducted by David Wang, Praneeth Satta, Richa Pardikar and Jenny Smolen. These students are affiliated with Health Leads, a multi-city, volunteer-based organization that



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Health Leads, a volunteer organization that assists families in obtaining resources, presented at the conference.

helps families find resources at help desks run by college students.

The study looked at the records of the Baltimore clients to see what conclusions could be drawn about the prevalence of certain resource needs such as food stamps, energy costs and educational costs, based on factors like client demographics and season.

For example, the stu-

dents found that across the Baltimore clinics, the highest utility needs are during the fall when the energy applications are due, the highest child care needs are during the summer when school is not in session, and the highest employment needs are for men because they have generally taken on the family's "bread-winner" role.

Wang, a sophomore, ex-

plained that the research provides an opportunity for physicians to recognize the concerns and needs of their patients on the social level as factors for care. "A physician can prescribe a child with antibiotics, but the disease will continue to worsen if the child goes home with his mother to live in a car in the middle of December," Wang wrote

SEE CONFERENCE, PAGE B8

Junior studies insect flight dynamics

By DAN CADEL
Staff Writer

In a culture dominated by graduate level research, undergraduate Tiras Lin has been making a name for himself at Hopkins. Lin, who is currently a junior, began doing research his freshman year with Rajat Mittal of Mechanical Engineering. "Essentially," Lin said, "the motivation for our research is to start to understand what we can learn from the dynamics of insect flight."

The long-range goal of this thrust is in the design of Micro-Aerial Vehicles (MAVs). MAVs are small, autonomous or remotely controlled vehicles that can be used where people could not otherwise go. "These can be used for missions such as search and rescue or reconnaissance," Lin said. Unfortunately, as of now these vehicles are lacking in maneuverability.

To this end, Lin worked extensively with the Painted Lady Butterfly, which can be used to improve MAVs. "In a lot of previously published research, the mass of the wings has been ignored in the analysis of the rotational dynamics," Lin said. "The wings of the butterfly are very light; it's like picking up nothing."

Despite the seemingly negligible mass, the movement of the wings makes their mass significant. As it flies, a butterfly moves its wings relative to its body at a high rate. This changes the butterfly's moment of inertia enough to affect its flight dynamics. "For example, a diver will modulate [his or her] body, maybe stick the arms or legs out, to try to rotate slower," Lin explained.

Lin photographs the butterflies in an artificial habitat at high speeds, and uses computer correlation software to map the movement of every part of the insect's body over time. By knowing the mass of each body part ahead of time, Lin can calculate the moment of inertia and examine the butterfly's flight dynamics.

Lin was careful to emphasize the nature of Hopkins' role in this research area. While the basic science of the flight dynamics is fundamental to the ability to design these MAVs, Hopkins is not currently involved with the actual designing of these vehicles.

As this research is coming to a close, Lin is already moving on to a new project. "[I am] trying to figure out how fruit flies land upside down on a ceiling," Lin said. This project can again be applied to MAV development, specifically landing dynamics.

"This has presented

multiple challenges for the photography side of it," Lin explained, "since we have to record at high speeds, and because of the small size of the flies, it is very difficult to capture these landing maneuvers up-close on camera."

Eventually, a Computational Fluid Dynamics (CFD) model of fruit fly's flight will be created. However, more experimental work must be done before that point. "Does [the fruit fly] use its wings to flip itself around? Does it use its momentum? That's kind of unclear from the literature," Lin said.

Lin plans to attend graduate school to study fluid mechanics after he graduates from Hopkins. In addition to write-ups in reputable publications, such as *The Huffington Post*, *The New York Times*, and *Popular Science*, Lin has presented his work at two conferences of the American Institute of Aeronautics and Astronautics, as well as an annual meeting of the American Physical Society's Division of Fluid Dynamics.

"Conducting the research is one thing, but to gather your results in a presentation and explain them in a way that everyone can easily understand is a whole other beast!" Lin joked.



COURTESY OF TIRAS LIN

Tiras Lin studies mechanical engineering.



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Childhood obesity is a sensitive issue that hasn't been studied extensively.



COURTESY OF TIRAS LIN

Every aspect of the Painted Lady Butterfly's movement was mapped.

Study finds vitamin C lowers blood pressure

By ERICK SUN
Sports Editor

In the May 2012 issue of *The American Journal of Clinical Nutrition*, Hopkins researchers led by Stephen Juraschek from the School of Medicine found another benefit of vitamin C that gives the little molecule an even better name.

Vitamin C is an organic compound derived from glucose and is an essential nutrient for almost all animals. Most people know it can be found readily in fruits such as oranges and grapefruits and has roles as an antioxidant and booster of the immune system. Because of its many benefits, the compound has been widely studied in the past and people often take vitamin C supplements on a regular basis.

However, there has been controversy about the vitamin's ability to lower blood pressure. "Over the past 50 years over 30 randomized, clinical trials have examined the effect of vitamin C on blood pressure with mixed results," Juraschek wrote in an e-mail to *The News-Letter*.

"Many of the trials were small and of short duration. By summarizing the trial findings our hope was to help clarify whether or not vitamin C could be used to lower blood pressure."

Based on their findings after reviewing 29 previously published studies on vitamin C intake, Jura-



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Vitamin C lowers blood pressure through diuretic effects, helping the kidneys remove water from the blood.

schek and his team found that taking about 500 milligrams of vitamin C a day could reduce blood pressure by 3.84 mmHg.

While the number seems small, a blood pressure level of 140/90 mmHg is considered high, meaning vitamin C could lower it by 2-4%. Comparatively speaking, medications meant to lower blood pressure typically reduce pressure by about 10 mmHg. The relative low cost and ease of taking vitamin C supplements therefore of-

fers a small step towards building a healthier lifestyle.

As the team from Hopkins began to assemble their findings, the data truly surprised them. "Although as we went through the trials it seemed probable that vitamin C exerted a blood pressure reducing effect, we did not anticipate it would be so robust," Juraschek wrote. "Even after conservatively imputing effects of trials that did not report their vitamin C findings, we still found a significant overall reduction in systolic and diastolic blood pressure."

It is believed that vitamin C lowers blood pressure by acting as a diuretic, aiding the kidneys in removing water from blood and allowing the vessels to relax.

Despite the positive findings, Juraschek urges that his work should not be taken out of context and become a new marketing tool for companies looking to sell vitamin C supplements. He is quick to point out that many of the studies failed to control for other factors such as the use of other antioxidants or blood pressure medications in conjunction with

vitamin C.

"Prior to conducting our systematic review, we agreed as a research team on a number of trial characteristics that we thought should not be pooled together. The presence or absence of additional supplements in the intervention was not one of these characteristics," Juraschek wrote, when asked why these factors were included in the study.

However, to ensure a more accurate and complete study, Juraschek and his team expanded their research by narrowing the field of studies included.

"We did explore this design issue in a stratified analysis and did not see a significant difference between trials that gave vitamin C alone or in combination with other agents," he wrote.

Juraschek acknowledged that the topic certainly requires more research before any definitive conclusions can be made. In the future, he and his team will be looking to conduct their own research in order to paint a clearer picture on the various effects vitamin C can have on the body.

Local public health issues discussed at conference

CONFERENCE, FROM B7
in an email to *The News-Letter*.

"The healthcare field is changing and transforming rapidly, and the social determinants of health are coming to the forefront of health systems. It is important that students understand the severe health implications of these psychosocial needs, as these risk factors are not only the root cause of many diseases and symptoms, but they also prevent medical interventions from even working."

After lunch, there was a second session of oral presentations, one of which featured the work of senior Hollisa Rosa. In her study, "Neighborhood Disorder and Tobacco Use: Potential Determinants of Cancer Prevalence among Baltimore City Residents," Rosa examined Baltimore neighborhoods in connection with the social determinants of smoking.

"If there are lots of smokers in your neighborhood, you're more likely to pick up smoking," Rosa said.

She took a measure of neighborhood disorder using an instrument called the Neighborhood Inventory for Environmental Typology (NfETy) and made comparisons with self-reported smoking and cancer levels. She spoke to the challenges associated with

having such a small sample size, which led to some difficulty in completely isolating certain factors.

The conference also featured a workshop titled "Conducting Your Own Research" and a speech by alumna Whitney Gray, Director of Building Science Services at Medstar Institute for Innovation in Washington, D.C.

Gray is a graduate of both the Krieger School of Arts and Sciences and the Bloomberg School of Public Health and became the first public health professional designated a LEED AP (a professional credential in Leadership in Energy and Environmental Design). The event came to a close in the late afternoon with a mixer for the participants.

The event was outlined with an informational program detailing the guest presenters' biographies and student research abstracts. It also contained a letter from conference co-chairs Arielle Zina and Claire Rosen, and Public Health Student Forum copresidents Bryn Carroll and Kimberley Chiu.

"We would like to both acknowledge the breadth of public health issues and encourage more individuals to recognize the importance of public health," they wrote on theme of contagiousness for the conference.

Helicopters promise better patient transport

HELICOPTER, FROM B7
considered a patient to have survived if he or she was eventually discharged from the hospital.

More than 161,500 patients studied were taken to hospitals by ambulances, while approximately 62,000 were transported by helicopters. 17,775 patients taken by ground transportation died, compared with 7,813 patients transported by helicopter.

The researchers had to account for many variables among the different patients, including age, sex, ethnicity, type of trauma and the trauma center to which the patient was transported.

"The study did encounter some technical difficulties because of the very large sample size and the significant concern of selection bias," Haider said.

The researchers evaluated the data in three ways: logistic regression, logistic regression with clustering, and propensity score-matching.

If trauma patients are more likely to survive when transported by helicopter, then why aren't helicopters used more often? The answer lies in cost. Helicopter transportation is one of the highest pre-hospital costs in treating trauma patients. The annual cost of helicopter trans-

portation ranges at different hospitals from \$114,777 to \$4.5 million.

The study found that on average, one in every 65 trauma patients transported by ambulance to a Level I trauma center dies. Using the fact that the cost of helicopter transportation in Maryland is approximately \$5,000, the researchers estimate that \$325,000 would have to be used to save one life.

However, Md. has the only state-run helicopter system in the United States, which means that the cost to transport someone by helicopter here is much lower than average. In most states, using a helicopter is charged to insurance companies and patients.

Since transporting all patients by helicopter is not a feasible option, the researchers have suggested using better guidelines to determine when to call one in.

"First responders have to make a tough call," Haider said. "It is difficult to figure out with precision what is going on with a patient."

Haider believes that more research is needed to find out when helicopters can best be utilized. The study was published in the April 18 issue of the *Journal of the American Medical Association*.



COURTESY OF WWW.CAJONLINE.COM

Patients transported via helicopters correlate with higher rates of survival.



COURTESY OF WWW.UHAWEBHARTFORD.EDU

Rosa explains the correlation between cancer and smoking in Baltimore.

In the heart of the library among lukewarm coffee cups and empty soda bottles. The News-Letter asked a few tired students this question:

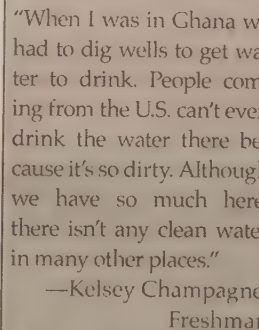
Why is water important?



"Because it's necessary for life, and everyone loves Slip 'n Slides."
—Nick Siegel, Sophomore



"I believe Hopkins students underestimate the value of water. Everyday we lose infinite drops of water without thinking twice."
—Erika Sanchez, Junior



"When I was in Ghana we had to dig wells to get water to drink. People coming from the U.S. can't even drink the water there because it's so dirty. Although we have so much here, there isn't any clean water in many other places."
—Kelsey Champagne, Freshman



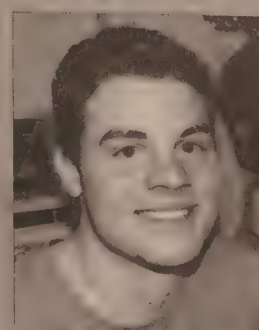
"Water is definitely essential to getting over a hangover."
—Alex Whittam, Junior



"Water is a very important resource, not only for drinking purposes but also for providing alternative sources of energy. We should make sure to use it wisely"
—Josh Lewittes, Freshman



"Water is awesome because the junior class cruise would have been difficult to pull off without it."
—Wyatt Larkin, Junior



Steroid treatment outperforms newer drug

By VIVEK SINANAN
Staff Writer

A recent Hopkins study has found that when treating lower back and leg pain, standard steroid injections tend to outperform the emerging treatment using anti-inflammatory pain medicine injections.

Lower back pain contributes a significant portion annually — close to \$100 million — to health care costs in the United States. The most common cause is herniated disc, which can result in compressed nerves and the release of pro-inflammatory molecules. Tumor necrosis factors, or TNFs, form one group of these molecules.

TNFs are secreted by cells of the immune system to prevent the creation of tumors and the replication of viruses in the body. It causes several defense responses, including the inflammation experienced by patients with sciatica, which is pain the lower back and leg.

Etanercept is a genetically engineered compound that acts to inhibit the inflammatory effect of TNFs. Current standard treatment for sciatica involves the injection of epidural steroids. However, recent studies have shown that the method of injection of these steroids can cause adverse effects. As lead author Steven P. Cohen wrote in an e-mail to *The News-Letter*, "Epidural steroid injections are very safe, but when they're given by the transforaminal route — which is more effective than the conventional interlaminar route — there is a risk for catastrophic neurological complications, especially in the neck."

Cohen's group is the first to directly compare the therapeutic effects of the two methods. Their study, published in the most recent edition of *Annals of Internal Medicine*, was performed over the course of three years and

involved patients who had been experiencing sciatica for less than six months.

The treatments were administered via two injections separated by two weeks. Pain measurements were taken before treatment, and again one month after the injections had been given. The results showed that leg and back pain improved for all treatment groups: etanercept, steroids, and a saline placebo used as a control.

However, for overall functional capacity, sizeable improvements were reported only for steroid and saline-treated patients, with no marked change in patients of the etanercept group.

After the one month follow-up, the researchers continued their study with patients who had a significant positive outcome. Further measurements were taken at three and six months. Overall, about half of the patients in the study were able to reduce the levels of painkillers being administered after they experienced pain relief. Of those with decreased painkiller administration, there was a higher percentage

of steroid-treated patients than etanercept patients.

These follow-ups showed that even though steroid injections resulted in higher initial pain relief compared to those treated with etanercept, steroid patients felt a resurgence of pain later on. The group postulated that the most probable explanation for this phenomenon is that the pain-relieving effect of steroids are fast-acting but short-lived. Another possibility is that all the treatments have similar efficacy, but the effects of the steroids were simply realized earlier.

One limitation of the study was that the researchers used a relatively low dose of etanercept for treating patients of that group. They choose this etanercept dose because a previous study on animals and human patients showed it was both safe and effective when administered epidurally.

Despite the limitation, the low dosage has its benefits. "One of the advantages of epidural or regional drug administration is that you can reduce the dose of some medications significantly, so

that the side effects are less prominent," Cohen wrote.

The study also did not administer treatments as-needed by patients, but according to the study's designated treatment times. Cohen explained this is mainly due to the experimental method. "This highlights the difference between efficacy and effectiveness. The latter term is more relevant for clinical practice, and hence studies that seek to determine effectiveness should strongly consider performing treatments on an 'as needed' basis. But we needed to first establish efficacy, which requires a more rigid structure and selection criteria," Cohen wrote.

The future of pain medication lies in tailoring treatment based on the genetic background of the patient to provide the safest and most effective form of treatment. The type of pain investigated in this study can have both neurological and non-neurological implications.

"Someday, we may be able to tailor treatments based on somebody's genes. But we're not there yet, so all we have to go by is phenotype," Cohen wrote.



COURTESY OF WWW.THEBACKPAINSPOT.COM

Steroids resulted in higher initial pain relief of leg and back pain than etanercept, but effects were shorter lived.

Armor research to be based in Malone Hall

ARMOR, FROM A1

conditions — when the environment is too hot, unusually fast or of unprecedented pressure. HEMI will be working to address present threats to the population as well as potential future dangers before they emerge. This eye towards the future is a preventative strategy towards crises in years ahead.

"What we do is fundamental science," Professor KT Ramesh, founding director of HEMI, said. "We are not going to do anything that's sensitive, classified. We don't make weapons, we don't make armor, we look at materials. It's up to the government to take our science and go do whatever they want with it. They expect to go on, they have army scientists to come understand what they do."

HEMI will be studying a variety of different situations including, "impacts on personnel and vehicles, missile defense problems, blast protection including mitigation of traumatic brain injury, and planetary scale impact problems such as asteroid hazard mitigation," according to HEMI's mission statement. The goal is to spark mechanisms that one would not normally see in materials.

"We will create conditions in our labs which are equivalent to what would happen [for example, in the event of an] asteroid and we'll be able to actually see what happens," Ramesh said.

Ramesh heavily emphasized the idea of "fundamental science" and acquiring a genuine understanding of the phenomena and environments that affect the materials HEMI will be studying. He noted that the issue of protection and materials has been a question since prehistoric times, as civilizations built shelters and made clothes.

This antiquity makes the rudimentary science even more crucial.

"First you have to be able to see what happens, then you've got to understand, and then only can you control," Ramesh said. "That's sort of our motto here, which is: see it, understand it, control it. That's what we do. To do each of those things is actually quite difficult. But that's what the science is about, that's where we have fun."

Hopkins will be leading three other universities. California Institute of Technology will be involved in the computational aspects of the project while the University of Delaware and Rutgers University will be developing the materials that will be tested at Hopkins. Minor contributors including UC Santa Barbara, Drexel University and Purdue University.

"Our job as HEMI is to give people a place to come together from all of these different institutions to be able to talk," Ramesh said.

HEMI will be housed in Malone Hall, a new building that is slated to begin construction later this year. However, work with HEMI will begin immediately as it looks for an administrative staff. It will temporarily be based in Hackerman Hall, Jones said.

Ramesh showed excitement about the potential for the entire Hopkins community to be part of this effort. He envisions undergraduate research assistants playing a big role in this project and possibly even doing research at other affiliated institutions.

"We'd like to see people excited about the study," Ramesh said. "We would really like to see students get involved in this type of thing... we want to build collaborations and the best way to build collaborations is through people."

Trageser emphasizes the importance of hands-on learning in neuroscience

By ALICE HUNG & MELANIE HSU
Staff Writers

Jason Trageser, the newest faculty addition to Hopkins' prestigious Neuroscience Program, has a lot on his plate. As a prolific researcher, neuroscience lab co-instructor, and Hopkins' one and only neuroeconomics professor, Trageser has a lot to say about Hopkins, neuroeconomics, and his passion for research.

Trageser completed his undergraduate degree at the University of Maryland Baltimore County (UMBC), where he double-majored in Biology and Philosophy. While he was interested in learning more about consciousness, he was initially uncertain about his career.

That all changed when he took a neuroscience class at UMBC.

"When I took neuroscience, I thought, this is what you study if you want to know the biological mechanisms of consciousness," Trageser said. "I wanted to do the hardcore experiments. I wanted to get my hands wet. I wanted to do science, not just read papers about it."

After graduating from college, Trageser attended the University of Maryland School of Medicine, where he completed his thesis on sensory processing in the thalamus. "I decided not to attack consciousness head-on, but I developed a sense of where sensory information is encoded," Trageser said.

Having gathered sev-

eral years of research experience at the National Institute of Health and University of Maryland School of Medicine, Trageser made his way to Hopkins where he is currently instructing several classes and starting his own research lab.

This semester, Trageser is teaching neuroscience lab and a course on neuroeconomics. He also plans to create a new class on the neural control of movement. While tapping the plastic container of two fidgeting roaches — the future experimental subjects of his summer class — he emphasized the importance of hands-on learning. "I like to stress experimental design and experimental data rather than just regurgitating facts," Trageser said.

Trageser applies the same philosophy to his lecture courses as well. In neuroeconomics, the rationale of the methodology used is emphasized along with the experimental results, as opposed to strict memorization of facts and numbers.

Neuroeconomics is the study of decision making using economic approaches. When asked about the future of this field, Trageser replied, "it's an

evolving field. Neuroeconomics can help us narrow our focus and address some questions in a more constrained way."

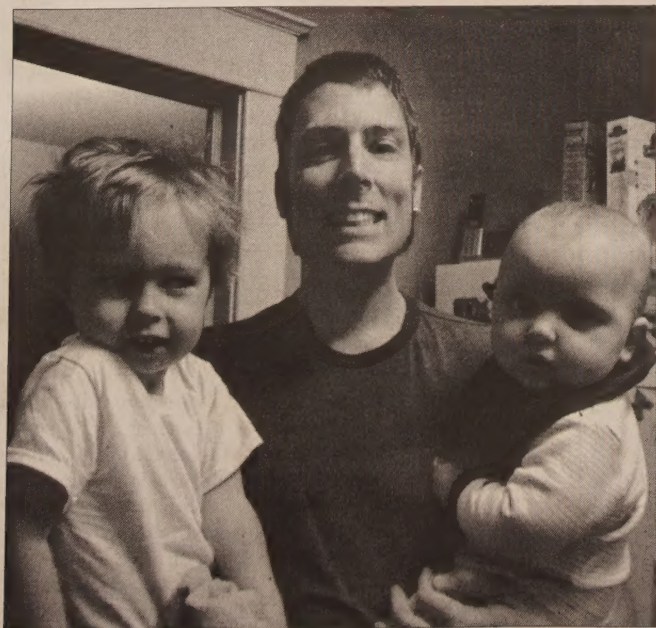
As to whether neuroeconomics will lead to any significant breakthroughs, Trageser was hesitant to make any promises. "Whether or not it's having a positive impact is another thing. The jury is still out on whether or not neuroeconomics is going to have some paradigm shift in decision making in humans," he said.

With such a huge emphasis on the importance of understanding experimental design, Trageser's enthusiasm to further develop his own research is not all that surprising. Trageser believes that it's important to strike a balance between teaching and research. While he loves running experiments, he also finds teaching to be fun and challenging. Here at Hopkins, he has the resources and support to enjoy the best of both worlds.

Trageser is not all work

and no play. Outside of the classroom, he is a big sports fan who enjoys some occasional downtime at local baseball and football games. Recently he has been focusing on launching his new career and taking care of two young kids.

With the two roaches running around their case and tens of documents pulled up on his computer monitor, it was evident that the busy professor had to get back to his work. Here, we leave you with a glimpse of Jason Trageser.



COURTESY OF JASON TRAGESER

Jason Trageser, research professor, shows that you don't need to sacrifice family for work.

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SPORTS

The top ten reasons why we love Blue Jay Nation

Seniors reflect on the sports moments that made Hopkins great

By NICOLE PASSMORE and RYAN KAHN
Staff Writers

As Hopkins athletes—one current (Ryan) one prior (Nicole), *The News-Letter* sports writers, and all-around sports enthusiasts, we have chosen to dedicate our last column to two Top 10 Sports Moments lists: one list for the past four years—our college years—and one for the next four years—your college years.

These lists are heavily biased and will never be found on Letterman, another newspaper, or pretty much anywhere else, but we hope they reflect how much we enjoyed our time as members of the Hopkins athletic community.

There is no particular order to these lists, because all of us at Hopkins are winners.

TOP 10 SPORTS MOMENTS FROM 2008-2012:

1. *LeBron James' "Decision" in 2010:* When any decision becomes unanimously dubbed as "The Decision", you know it's a big deal. Even as a subjective Miami Heat fan, I don't agree with some of the aspects of his ESPN special, but I couldn't have been happier to watch him, "Take his talents to South Beach." He has finally given Miami sports fans a sense of pride and makes every game he plays enjoyable to watch. Let's go Heat!
—Ryan Kahn

2. *Student Nights at Camden Yards on Fridays:* There's nothing better to end a week of school work than with a trip to the Baltimore Orioles' ballpark. Friday nights are a great opportunity for students to see a game with tickets under \$8 and cheap hot dog specials. I have some great memories of these nights at the beautiful Camden Yards: I've gotten hit in the nose with a line drive by Kevin Millar, gotten the side of my head on the Jumbo-tron, and witnessed many fights between drunken Towson students in the upper deck.
—Ryan Kahn

3. *Field Hockey defeats Salisbury on a penalty corner:* In four years with Hopkins field hockey, no game was more memorable than their 1-0 victory over Salisbury in 2008. Senior Zoe Koven, who was then a freshman, scored a

last-second goal on a penalty corner that sent the whole team running out to the field. The 2008 team went 11-0 to start the season and made it to the first round of NCAA Tournament. It was a great start to four years at Hopkins.

both Ernie and Jill: they are awesome.
—Nicole Passmore

7. *Men's Lacrosse Defeats Virginia in Overtime in 2012:* I was studying for an actuarial exam in a Starbucks during this game, but I al-

10. *USA vs. Canada Olympic Hockey Game in 2010:* Born and raised in Florida, I think this was the first hockey game I have seen in its entirety—not counting 'The Mighty Ducks 2'. With a last second goal to tie the game up, an incredible performance by Ryan Miller and a heartbreaking loss at the end from the stick of Sidney Crosby, the game was a roller coaster of emotions. I have actually enjoyed watching NHL games ever since.
—Ryan Kahn

TOP 10 SPORTS MOMENTS FOR 2012-2016 (We Hope...):

1. *The Washington Redskins Have a Winning Season:* I have always said the Redskins are in a win-win situation; if they lose, you expected it and if they win, it was a pleasant surprise. Every year the DC-metropolitan area hops on the Superbowl bandwagon for a few weeks at the start of the season (since obviously a 2-0 record is a true sign of success), and then the bandwagon derails and we all go back to complaining. However, with the drafting of Robert Griffin III, more commonly known as RGIII, the bandwagon is up and running super early this year—maybe it's a sign (maybe).
—Nicole Passmore

2. *Men's Lacrosse Wins another National Championship:* It may even happen this year after this publication is printed (fingers

ways knew what the score was because Hopkins students were in a Twitter and Facebook frenzy over the game. Never have I seen as great a showing of Hopkins school spirit or heard about as exciting a game—until the Loyola game last Saturday, that is.
—Nicole Passmore

8. *Anything involving Tennis and Swimming:* Although I haven't been to many swim meets and the closest I ever get to watching a tennis match is yelling, "Head's up!" from the bullpen during a baseball game, I have constantly written about these team's successes (both men's and women's) over the past four years. Keep up the great work!
—Ryan Kahn

9. *Baseball Van Wars during Spring Break:* One of my favorite things about playing for the baseball team is the baseball spring trip. Who needs a beach in Pensacola or a suite in Vegas when you have constant shenanigans, laughs, and genuine good times with 40 of some of your closest friends in Phoenix? Although it's usually hard to distinguish the winner from the loser in a van war, fighting in one can prepare you for any, literally any, obstacle later on in life.
—Ryan Kahn

crossed), but some time over the next four years we hope men's lacrosse wins the National Champion-

ship. It has been so fun to go to the games and watch them on television, and we hope that this awesome season is a sign of great things to come.
—Nicole and Ryan

3. *Manny Pacquiao and Floyd Mayweather Fight:* It's been four years and the chances of a fight between Manny Pacquiao and Floyd Mayweather may be as distant as ever. Come on! Give the people what they want.
—Ryan Kahn

4. *Tiger Woods Wins another Major: 'Big Eldrick'* showed some promise a couple of weeks ago at the Arnold Palmer Invitational but lost his spark at the masters. Say what you will about Tiger but watching him win is an incredible thing to witness and is great for the game of golf.
—Ryan Kahn

5. *Baltimore Ravens Win a Superbowl:* Each year the Ravens get closer and closer. Hopefully this is the year they pull it out. How awesome would a victory parade be around the Inner Harbor? And how great would it be for the city of Baltimore? Imagine the madness at Hopkins.
—Ryan Kahn

6. *Brett Farve Stays Retired:* Really. Stay retired.
—Nicole and Ryan

7. *Hopkins Gets a New Swimming Pool:* Hopkins needs an Olympic-sized pool. Our school has fantastic men's and women's swim teams and a strong water polo team, and we hope they get the recognition (and the pool) they deserve.
—Nicole and Ryan

8. *USA Men's Soccer Wins a World Cup:* This probably won't happen, but as a life-long soccer fan I hope the U.S. men's team finally has enough good luck and skill to win a World Cup. Every four years, soccer-mania strikes America, and coming home from a World Cup with actual gold hardware in hand may be what the sport needs to have the mania last and fade into an American acceptance of and respect for the world's game.
—Nicole Passmore

9. *Ryan Tannehill Pans Out:* As a Dolphins fan, I am no stranger to rejection and disappointment. This past week at the NFL draft, the Dolphins selected a quarterback in the first round for the first time since Dan Marino was plucked out of the University of Pittsburgh in 1983. Hopefully this Tannehill, a wide receiver turned quarterback from Texas A&M can turn things around for the Fish...and quickly.
—Ryan Kahn

10. *Baseball Wins the College World Series:* I have had many incredible experiences as a Hopkins baseball player, from the friendships, memories, and Carlino's mid-game meals. We all hope to make it back to Appleton, WI this year and show other teams around the country what Blue Jay Nation is all about. But if this year isn't the year, maybe one of the next four will be.
—Ryan Kahn

Robinson, Eckstein set school records

By JARED FRYMAN
Staff Writer

The Hopkins men's and women's track & field teams competed this past weekend in both the Penn Relays and the Shippensburg Invitational events. On Friday, the team sent runners to Philadelphia, PA for the prestigious Penn Relays, before joining the rest of the team in Shippensburg, PA on Saturday for the Invitational. Athletes on both the men's and women's teams set personal and school records throughout the road trip.

On the men's side, sophomore Max Robinson set the tone for the weekend. At the Penn Relays, Robinson set a school record in the 10,000 meter run. Recording a time of 31:06 with a 67 second last 400-meter split, Robinson impressively finished each mile just under 5:00.

The women's team would not be overshadowed by Robinson's performance, as freshman Hannah Eckstein set a school and conference record in the 5,000 meter run. Eckstein ran a 5:26 first mile and continued to take seventh place with a time of 16:50.64, breaking the school and conference record by a tenth of a second. Sophomore Holly Clarke also competed in the 5,000 meter run and finished just behind Eckstein with a time of 16:57.

But the PRs didn't stop there; there was one more event at the Penn Relays in which Blue Jay runners had yet to compete. The 4x400 meter women's relay team of senior Alison Smith, junior Leah Sibener, freshman Ingrid Johnson, and junior Annie Monagle took first place in the College Women's 4x400 Centennial/MAC section for the first time in Blue Jays history. A time of 3:58.98 was the first sub 4:00 time of the season for Hopkins and earned the lady jays first place in a relay event for the first time this season.

The remainder of the Blue Jays traveled to Shippensburg, PA for the Shippensburg Invitational and a final tune up before the Centennial Conference Championship this coming weekend. On a cold and cloudy day, Hopkins' men's team struggled to make its presence known at the event. Freshman Alexander Naticchia took third place in the 100-meter dash recording a time of 11.21 seconds. Naticchia has consistently proved to be a top performer at Hopkins' events this season.

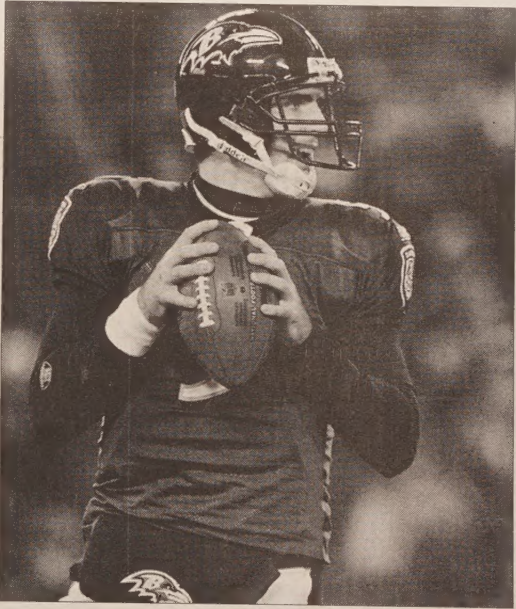
He is currently third in the Centennial Conference for the 100-meter dash, third in the 200-meter, and second in the long jump. Senior co-captain Luke Sand, who has suffered from a hand injury for much of the season, placed third in the discus with a season best throw of 46.51 meters. This was the best performance of any Division III athlete competing.

For the women's team, several athletes advanced their conference rankings. Senior Stephanie Amalfe finished second overall in the discus and took first place amongst Centennial Conference participants. Alison Smith sprinted to a season best 12.75 in the 100-meter dash, and continued to run the 400-meter relay with teammates freshman Kelley Hussey, Sibener, and sophomore Chloe Ryan for a time of 50.23. Smith ranks second in the conference in the 100-meter dash and third in the 200-meter heading into the conference championship.

The action will continue this coming weekend, as the Centennial Conference Championships will be held at Ursinus College.



KELLY STANDART/PHOTOGRAPHY EDITOR
Men's lacrosse's overtime wins against Virginia and Loyola this year were some of the top sports moments.



COURTESY OF NGNGSPORTS.COM
The City of Baltimore hopes Joe Flacco can lead the Ravens to a ring.

BLUE JAY SPORTS SCOREBOARD			
Men's Lacrosse	Women's Lacrosse	Women's Tennis	Women's Tennis
Apr. 28, 2012	Apr. 21, 2012	Apr. 28, 2012	Apr. 29, 2012
Hopkins @ Loyola	Hopkins vs. Ohio State	Hopkins vs. Haverford	Hopkins vs. Swarthmore
W, 10-9 (OT)	W, 12-9	W, 5-0	W, 5-0
Men's Tennis	Men's Tennis	Baseball	Baseball
Apr. 28, 2012	Apr. 29, 2012	Apr. 28, 2012	Apr. 29, 2012
Hopkins vs. Haverford	Hopkins vs. Swarthmore	Hopkins vs. Haverford	Hopkins @ Muhlenberg
W, 5-1	W, 5-1	L, 4-3; L, 9-7	W, 16-8; L, 12-7
			Apr. 30, 2012
			Hopkins @ Salisbury
			L, 11-6

SPORTS

ATHLETE OF THE WEEK

ROB GUIDA

By JEFF LYNCH
Staff Writer

The Hopkins men's lacrosse team got back on track this weekend as they edged #1 and previously undefeated Loyola University 10-9 in overtime. Sophomore Rob Guida was the driving force behind the Jays handing their Charles Street rivals. He not only netted the first goal of the game, but also the last, decisive tally en route to his first career hat trick, earning him *The News-Letter's* Athlete of the Week.

The Blue Jays hit a rough patch in the thick of their schedule, dropping two straight and three of their last four games after topping the University of Virginia, also then #1 and undefeated, and taking the top spot in the nation. Playing the hottest team in the country is generally not a recipe for righting the ship and getting back to winning ways, but Guida proved to be the catalyst the Jays needed to build momentum with only a Homecoming game against Army remaining on the schedule before the NCAA tournament.

After Guida's first goal of the game on an unassisted shot, the Jays raced out to a 5-0 advantage only to see the Greyhounds come back and muster three goals before the half to make it 6-3. Guida scored his second goal off a feed from red-shirt senior Chris Boland with 14 minutes left in the final quarter to put the Blue Jays up 9-5, an advantage that seemed likely to hold. However, the Greyhounds came back

with a vengeance, notching four goals in the last 12:34 of the game including the game-tying goal scored by Justin Ward with just five seconds remaining in regulation play. The first overtime period seemed as if it would go scoreless until Guida took a quick pass right out in front from junior Zach Palmer and wasted no time putting the ball through the five-hole of the Greyhound goalie, stunning the sold out crowd and sending Blue Jay Nation into a frenzy.

Guida, from Chatham High School in Chatham, NJ, has been a mainstay on the Blue Jay midfield all season long. He is third on the team in goals scored with 16, third in total points with 23, and fourth in assists with seven. He is known for having one of the best pairs of hands in the country, and he excels when the Blue Jays are playing with a man-up, leading the team in goals in those situations with five to his credit.

Guida took some time away from preparing for

on the road for the second time this season?

Rob Guida (RG): It was very exciting and a privilege to face two #1 ranked teams in one season. With a similar scenario as Virginia when we played them on the road and they were undefeated at the time, and knowing even before the game that it was sold out, it was a cool feeling.

N - L : What was the team morale like after Loyola came back from 9-5 to tie it and send it into overtime?

RG: The team morale definitely took a hit after Loyola came back, but it has been a focus of ours in practice to handle these types of situations and have a collected attitude and not let the situation get the better of us. At the same time, we were still confident we could pull it off [because] we had been there before.

N-L: I've seen the video of your game winning goal, but take me through what you were thinking as the play unfolded.

RG: I saw time winding down in OT and the offense was trying to get as many shots on net as possible before time expired. I had been playing on the crease for some time with

Brandon Benn just trying to get open. John Ranagan took a shot and deflected right to Zach Palmer. Luckily I was able to free myself from my defender for just a split second, Palmer made an incredible pass and I was able to quick stick it into the goal.

N - L : What, if anything, was Loyola doing defensively that allowed you to net your first collegiate hat trick?

R G : Loyola does not slide a lot on defense, so if you were able to beat your man, you had a good chance of getting a shot on goal. Coach Benson, our offensive coordinator, knew this and put in specific plays for the week. Luckily I was able to get free and score.

N-L: What do you guys, as a team, have to do looking forward to this weekend against Army and then on into the post season as I'm sure you guys are hoping for another national championship?

RG: We need to have another good week of practice. We have seen that if we work hard all week and outwork our opponent, we put ourselves in the best possible scenario to win a game. We know Army will give us everything they have, so we must continue to build off this win and carry it with us against Army, and on from there.

VITAL STATISTICS

Name: Rob Guida
Year: Sophomore
Hometown: Chatham, NJ
High School: Chatham
Position: Midfield
Majors: Political Science
Favorite Food: Chipotle
Hobbies: Golf, Snow boarding



KELLY STANDART/PHOTOGRAPHY EDITOR
Rob Guida recorded his first career hat trick at Loyola.

final exams and practicing for the Homecoming game to answer some questions for *The News-Letter*.

The News-Letter (N-L): What was it like facing a team that was undefeated and ranked number one

Women's Tennis ready for NCAAs

W. TENNIS, FROM B12

14th win of the season. Clark then brought in the last win with a score of 6-0, 6-0 at fourth-singles.

On Sunday, the Jays battled third-seeded Swarthmore for the Centennial Conference title.

Clark and Herndon started out the day with an 8-1 win at second-doubles, followed by another win from Hogan and Krishnan at first-doubles, 8-2. Hopkins then increased their lead to 3-0 when fellow freshmen Elaine Baik and Stephanie Rettig defeated their opponents, 8-3, at third-doubles.

Krishnan, playing second-singles, helped to further expand the Lady Jays' lead with a 6-2, 6-0 victory. This was Krishnan's 50th career singles win, marking her as one of only five people to reach this milestone in the program's history.

Clark clinched the championship with a 6-2, 6-1 victory at fourth-singles to give Hopkins another shutout win, 5-0. This was the Jays' sixth consecutive Centennial Conference Championship. For sixth consecutive year, Hopkins will head to the NCAA Tournament with a record of 16-5.

"My personal goal for the season is just to do everything and anything I can do to help my team become better and win the most matches we possibly can," Clark said.

The NCAA tournament bracket will be released on Monday, May 7th and play will commence on May 11th.

Baseball clinches first-place in CC

By JEFF SCHILL
Staff Writer

In the team's final week of the regular season, the Hopkins baseball team played a whopping five games in three days against Haverford, Muhlenberg, and Salisbury.

Against Haverford this past Saturday, Hopkins lost both games in a double-header match up that featured a steady dose of both offense and defense.

In the first game, senior Alex Eliopoulos was on the bump for the Blue Jays. He tamed the Fords for the first six innings, only yielding one run.

The Blue Jays took the lead in the bottom of the fifth when junior Ryan Zakszeski homered to deep right center to take a 1-0 lead.

However, the Fords quickly answered in the top of the sixth, scoring one run to tie the game. After the Blue Jays scored another run in the bottom of the inning, the Fords struck back in the top of the seventh, tacking on three runs to take a 4-2 lead.

The Fords did not look back after gaining the two run lead. Hopkins managed to score one more run on a RBI groundout by junior Mike Kanen to plate fellow classmate Chris Vonerschmidt.

The Blue Jays could not complete the comeback though, and were unable to tack on any runs in the ninth inning against Haverford starting pitcher, Tommy Bergains, who went the distance for the Fords.

In the second game, while both teams featured much more offense the result was the same. The Blue Jays and the Fords each scored a run in the second inning but the Fords tacked on another in the fourth to take a 2-1 lead.

This time around, in the

bottom of the inning the Blue Jays had an answer. Zakszeski belted his second home run of the day, plating junior Jeff Lynch to take a 3-2 lead at the end of the fourth inning. The fourth was followed by another run in the fifth to extend the Blue Jay lead to 4-2.

Undaunted, the Fords had a bigger answer, putting up four runs in the top of the sixth to take the lead 6-4. In the top of the following inning, Lynch launched a home run over the left field fence to cut the deficit to one.

Despite the effort from the starting first baseman, the Blue Jays could not get any closer as the Fords took the second game of the day with a score of 9-7.

Hopkins was back in action the following day for another double-header to take on the Muhlenberg Mules in Allentown, PA. Senior Lucas Henneman was on the hill for the Blue Jays and his solid performance put the team in a great position to take the first game.

The Blue Jays struck first in the third inning when junior Kyle Neverman led off with a triple and then scored on a fielding error by the Mules. After the Blue Jays tacked on another run in the top of the fourth, the Mules answered with two runs of their own in the bottom of the inning.

The 2-2 tie was broken in the top of the fifth inning when Lynch homered yet again to left-center, plating two runs and giving the Blue Jays the lead. Junior Adam Weiner kept the offense going with an infield single that brought home Zakszeski and extended the Blue Jays lead to 5-2.

Blake Platt came in to relieve Henneman in the bottom of the sixth inning with the bases loaded and one out. Despite finding

himself in a tight spot, Platt got the first two batters he faced out to end the inning. This was Platt's 54th outing, tying the all time Centennial Conference record. After trading runs back and fourth in the final innings, the Blue Jays came out on top, defeating the Mules 16-8.

The victory clinched the top spot in the Centennial Conference for the regular season for the Blue Jays going into the Centennial Conference Tournament this weekend. The Blue Jays will now host the tournament.

The second game of the double header did not end up in the Blue Jays' favor. Lynch got the offense started with a RBI double to take an early 2-1 lead. The Blue Jays and the Mules each exchanged four runs in the sixth. After that, the Mules had a seven run inning to seal the victory.

Despite losing three out of the final four conference games, the Blue Jays are in a great position as the top seed in the Centennial. After wrapping up conference play, the Blue Jays finished the regular season against Salisbury on Monday.

The Jays struck first in the top of the first inning with an RBI double coming from Lynch that brought Kanen home. But this would not be enough for the Jays as the Sea Gulls came roaring back.

Going into the eighth, the Blue Jays only scored one more run while the Sea Gulls plated ten. Hopkins did get three more runs but they could not cut the entire deficit. The Sea Gulls ultimately topped the Blue Jays 11-6.

The Centennial Conference tournament kicks off this Friday at Homewood Field where the Blue Jays will take on McDaniel, whom the Blue Jays swept in the regular season.

Seniors lead W. Lax over Buckeyes, 12-9

By KEVIN JOYCE
Staff Writer

The Hopkins women's lacrosse team scored an impressive win at home on a day dedicated to the nine seniors on the roster. Fittingly, it was the seniors who took control of the game to lead the Blue Jays to a 12-9 victory over 13th-ranked Ohio State in the last game of both teams' regular season slates.

The seniors were responsible for an astounding 10 of the Jays' 12 scores and 13 of 18 total points tallied by Hopkins players.

Senior attackman Candace Rossi capped her regular season career with a flourish, notching a game-high four goals in the win. Fellow senior attackman Rachel Ballatori registered four total points with two scores and two assists.

The win stopped a six-game skid the Jays had been on and improved their overall record to 8-8. The Buckeye's slipped with the loss to a final regular season mark of 10-5.

At first it seemed like the Buckeyes would extend Hopkins' losing streak to seven games when they took an early 4-0 advantage in the first 10 minutes of the game. Gabby Capuzzi scored her 35th goal of the season off a dish from Alayna Markwordt to give her team a one goal lead just a minute and a half into play.

After a goal by Katie Chase, Capuzzi scored another, followed up by an extra-man strength goal by Cara Facchina to make the score 4-0 with just under 20 minutes remaining in the half.

Hopkins broke its opening scoreless streak at the 13:52 mark when senior attackman Colleen McCaffrey caught an assist from behind the net from sophomore midfielder Taylor D'Amore and netted her 38th of the year. The score kick-started a 10-1 run in Hopkins' favor that covered the next 28 minutes of the game.

After McCaffrey's score, senior midfielder Rachel Serio took advantage of an extra-man strength opportunity and buried a pass from Ballatori to cut the lead to two with 12:01 left.

An unassisted Rossi score, her first of the game, was followed up just 18 seconds later by a Markwordt goal for Ohio State to put the Buckeyes up 5-3. That would be their last score for nearly 25 minutes, as Ohio State did not find the net until the 14:23 mark midway into the second half.

Rossi tacked on two

more goals, both unassisted, in the final six minutes of the period, including the equalizer just 12 ticks left to tie the score going into the locker rooms, 5-5.

McCaffrey kept the streak going in the second half, recording a free-position goal to give the Jays their first edge of the game, 6-5. A minute and a half later, sophomore midfielder Sammy Cermack sent one streaking past Ohio State goaltender Tori DeScenza to push the lead to 7-5.

Junior midfielder Courtney Schweizer then demonstrated great defensive prowess as she intercepted a Buckeye pass and took it the distance, running the length of the field. She located McCaffrey, who dished it to an open D'Amore, who quick-sticked it into the net for her lone score of the game.

Serio then scored once more at the 16:47 mark, 45 seconds after which Ballatori would cap the answerless scoring spree with her first goal of the day.

Despite the Lady Jays' control, the Buckeyes still had some fight in them. Ohio State responded with a short 4-1 outburst that shrank the Jays' edge to two goals with just under six minutes remaining.

Ballatori scored her second and final goal of the game off an assist from D'Amore after the Buckeyes found the net for the first time in over 23 minutes.

Ohio State's Cappuzzi then scored her third and fourth goals of the game in the less than a minute and a half, the second one coming off a free-position shot, to cut the lead to 11-8. Markwordt then took a Jackie Cifarelli assist and made the score 11-9 with 5:51 remaining.

Hopkins proved too overwhelming, though. Rossi ended the scoring with her 32nd goal of the season, the score coming with just under three-and-a-half minutes to play. The Blue Jay defense remained stout for the rest of the game to hold on to the win.

Six players scored for the Jays, four of them seniors. D'Amore broke the school's Division I draw controls record, recording five on Saturday to up her total to 67; the previous high was 66.

Hopkins now awaits the beginning of the American Lacrosse Conference Tournament, which starts next week. The top-seeded Florida Gators will host the tournament. The sixth-seeded Jays will square off against third-seeded Penn State on Thursday at 7:00 pm in the quarterfinals.



NATHALIA GIBBS/PHOTOGRAPHY EDITOR
Women's lacrosse will head to Florida to face Penn State on Thursday.

SPORTS

DID YOU KNOW?

Both the men's and women's tennis teams have won the Centennial Conference regular season title an astounding six years in a row.

CALENDAR

THURSDAY
W. Lacrosse vs. Penn State, 4:30 PM
FRIDAY
Baseball vs. McDaniel, 3:00 PM
Track vs. CC Tournament, All Day
SATURDAY
M. Lacrosse vs. Army, 2:00 PM

Guida's OT goal lifts M. Lax over 'Hounds

By SAM GLASSMAN
Staff Writer

The Charles Street rivalry could not have played out more dramatically than it did this past Saturday. The Blue Jays achieved an emotional victory over the top-ranked Loyola Greyhounds after an exciting back-and-forth between the two lacrosse giants. The game was finally decided by a quick stick shot from sophomore Rob Guida, who scored the 10th and final goal with only 2.3 seconds remaining in overtime, granting Hopkins a much-needed 10-9 win.

The closure came after what was an endless back-and-forth between the two sides. Initially, the game was all Hopkins; by the end of the first quarter, the Blue Jays had attained a 3-0 lead, and seemed to have the momentum in their favor. They had notched ten shots to Loyola's four, as well as a single turnover, contrasting with five from the Greyhounds.

In the second quarter the tide began to turn. "We got caught playing their style," Head Coach Dave Pietramala said. The defense that had been so solid in the first quarter began to lag and Loyola capitalized on this by notching three goals for themselves. However, the Hopkins offense was consistent and was able to add another three for itself, keeping the lead level at 6-3 in the Blue Jays' favor.

In the second half, however, the Greyhounds found their feet — just as the Blue Jays began making mistakes of their own. "We made some really, really unintelligent decisions," Pietramala said. This could be heard clearly from the parking lot. With every turnover ceded by the Jays, the sold-out stadium became louder. By the end of the third quarter, Loyola had curbed the Hopkins offense to only two goals, and had notched two of their own. Additionally, Loyola had now only erred twice in that quarter, with only two turnovers to Hopkins' seven, inverse to the numbers in the first half.

While Hopkins' three point lead had remained stable at 8-5, the momentum had clearly shifted. Very little remained of the team that seemed to effortlessly dominate the first half of the game. Hopkins had its back against its own goal as the team made its way into the fourth quarter.

Initially, things looked promising for the Blue Jays. It seemed there would be no need for an overtime, as Guida capitalized on an extra-man opportunity to extend Hopkins' lead to four points at 9-5. The Jays briefly seemed to have momentum on their side once

again. But, after two consecutive goals from Loyola midfielders David Butts and Sean O'Sullivan, respectively, it became clear that the Greyhounds had no intentions of giving up. "The team was very, very well coached," Pietramala said, "[and] they fought."

It was with a little over five minutes left in the fourth that things seemed to fall apart for the Blue Jays. After squandering an extra-man opportunity, Loyola began to press the Hopkins defense. The Greyhounds attacked the goal, thwarted consistently by strong goalkeeping from Junior Pierce Bassett. At a little over the three minute mark, however, Bassett made an uncharacteristically poor decision that allowed Loyola midfielder Pat Laconi, assisted by attackman Justin Ward, to put the Greyhounds within one point of Hopkins. The score was 9-8 with 54 seconds still on the clock. "I left a few saves out there I would've liked to make," Bassett said after the game.

Although Hopkins seemed to have regained composure for the final seconds of the game, Ward made his way through the Blue Jay defense once again, this time for an unassisted goal to tie the game with only five seconds left. While the game was tied at 9-9, Loyola had energy, a crowd and the momentum as the two teams headed into overtime.

The start of overtime did not seem promising for Hopkins. After 90 seconds of possession, Loyola attackman Eric Lusby rang a hard shot off the far pipe. Although a holding call on Greyhound attackman Will Fredericks gave Hopkins an extra man advantage once again, the Blue Jays failed to capitalize. Just as the game seemed to be heading into another Loyola-dominated overtime, Guida was able to capitalize with just 2.3 seconds remaining on the clock.

"I thought we fought hard, and we didn't flinch once," Pietramala, who seemed proud of his team after such a close win, said. Despite the few negatives and what he referred to as some "really dumb plays," overall "we did prepare really well... I feel fortunate we overcame some not-great shooting," Pietramala said.

Junior defenseman Tucker Durkin added that in the case of Loyola's most dangerous player, attackman Mike Sawyer, the Blue Jay defense "was on the same page helping each other out... everyone communicated, rotated correctly," Pietramala reaffirmed Durkin's words concisely: "we got custody of those guys."

W. Lax finishes regular season on high note



NATHALLA GIBBS/PHOTOGRAPHY EDITOR

Despite a difficult month of April, head coach Janine Tucker and the Women's Lacrosse team managed to take down Ohio State at home this past Saturday to finish the regular season at 8-8. Next up, the team heads down to Gainesville, FL to compete in the American Lacrosse Conference Tournament against Penn State. For full coverage, please see Page B11.

M. Tennis finishes season at 17-4

By FRANK SCHIFF
Sports Editor

The Hopkins men's tennis team is rolling on to the NCAA Tournament. On Sunday, the 16th-ranked team captured their sixth straight Centennial Conference crown and seventh

in the last eight years by defeating 27th-ranked Swarthmore, 5-1. Freshman Erick Lim secured the championship for Hopkins with his win at sixth-singles: "It was an exciting experience. Coming in as a freshman and being able to clinch the conference title is definitely fun," Lim added shortly after the win.

The Jays, now with an impressive record of 17-4, earn the conference's automatic qualifier to the NCAA Tournament. However, "[t]he work isn't done yet," Lim remarked, "winning the Centennial is merely establishing our spot in regionals. I would say that the regular season is our preseason and the postseason is when our real season begins."

Hopkins started out hot Sunday and carried their confidence throughout the day. Lim and fellow freshman Tanner Brown put Hopkins in the lead with an 8-1 win at third-doubles over Anthony Collard and Daniel Park of Swarthmore. The seniors then took over as Jacob Barnaby and Warren Elgort of Hopkins made it a 2-0 with an 8-5 back and forth win over

Maxwell Bressman and Max Kaye of Swarthmore, at the first. Christian Carcione and Zak Kelm of the Swarthmore Garnet's then got their team's first point in a compelling 9-8 (8-6) match at the second over juniors Andy Hersh and Jeffery Kamel

freshmen, we are all very competitive and work well with each other on and off the court."

A solid freshman class has made this Jays team even more confident than previous years as they head into the NCAA Tournament. "I think the eight new



FILE PHOTO

The Men's Tennis team closed their season on a 13-game winning streak.

of Hopkins. The Jays pair did not go down quietly, coming back in thrilling fashion from a 7-4 deficit and eventually forcing a tiebreaker.

Hopkins regained their winning ways in singles play as Brown gave the Jay's a 3-1 match lead with consecutive 6-2 wins over Bressman at the second. Elgort then followed it up with a win of his own, defeating Preston Poon, 6-1, 6-4 at the fifth, pushing the Blue Jays within one win of the title. Lim closed the book on Swarthmore, beating Carcione 6-4, 6-3 at the sixth to give the Jay's a 5-1 victory.

A battle-tested Hopkins squad looks to continue their dominance into the postseason. "This year's team is so hard to beat because we have such a good group," Lim boasted, "from the seniors to the

port with his team. "With Coach Jamie coming in this year, he brought in needed energy and team dinners that has helped our team bond," Lim explained.

Hopkins is now advancing to the Tournament for the seventh consecutive season. The Tournament is scheduled for May 11th through the 13th. However, there is still work to be done.

Lim explained: "We are still working to fine-tune our doubles before the NCAA [tournament] and get mentally prepared."

The team will learn its tournament seeding fate on May 7th and is confident it will make a serious run at a regional championship. Lim concluded, "We are all excited and ready, so it should be something special for this school and of course, this team."

Six titles in a row for Lady Jay Tennis

By ASHLEY MILLETTE
Staff Writer

The eighth-ranked Hopkins women's tennis team won a pair of Centennial Conference victories this past weekend to push them into the NCAA tournament for the sixth year in a row. The Lady Jays hosted the tournament, facing Haverford on Saturday and Swarthmore on Sunday to capture the title.

In the Saturday match, Hopkins managed a 5-0 victory over fourth-seeded Haverford. The day started out with an 8-0 win in third-doubles from senior Courtney Boger and freshman Kaitlin Pfisterer.

For Pfisterer, the psychological component of the crucial match was what she enjoyed most.

"Similar to most other sports, tennis is a game of endurance and physical toughness, but it becomes very unique when looked at it from a mental and psychological perspective," the freshman from New Jersey said. "Doubles, for example, is not a test of what team has the two best players; it is instead a test of who has the two players that work best and most fluidly together."

Sophomore Hailey Hogan and junior Nandita Krishnan then brought in another win of 8-1 in doubles followed by a third victory, 8-2, achieved by sophomore Abby Clark and freshman Shannon Herndon. Herndon then went on to expand Hopkins lead with a 6-0, 6-2 win at third-singles, her

SEE W. TENNIS, PAGE B11



KELLY STANDART/PHOTOGRAPHY EDITOR

Despite giving up a 5-0 lead, the M. Lacrosse team pulled off the OT win.

INSIDE

Track and Field: Finish season strong

The men's and women's track teams closed out the regular season in dominant fashion and get ready to head to Collegeville, PA for the Conference Tourney. **Page B11**

Athlete of the Week: Rob Guida

After losing three of the last four games, Rob Guida of the men's lacrosse team took it upon himself to bring the Blue Jays back into the win column against Loyola. **Page B11**

Final Thoughts: Seniors say Good-Bye

With the end of the school year, seniors Ryan Kahn and Nicole Passmore offer their best experiences in their past four years and a few things they hope to see in the next four. **Page B10**

INSIDE